ANNEXURE – VIII

No. of Research Publications during the last five years

No. of Research Publications during the last five years
Department-wise list

BIOTECHNOLOGY:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals / Conference	Month – Year
1.	Chozhavendhan. S, Anis kumar. M, Santhaseelan. C	A Review on Citric Acid Production and Its Applications	International Journal of Pharmacy and Biological Sciences,	11:2, 79-85/ ISBN: ISSN: 2230-760.	2021
2.	V.Gandhiraj	Green Synthesis and Characterization of silver nanoparticles using Indigofera aspalathoides leaf extract and study of its Antibacterial, Antioxidant, and Anti-cancerous activities	Rom Biotechnol Lett	26 (3), 2606-2617 IF: 0.765 / ISSN: 1224-5984.	2021
3.	Chozhavendhan. S, Anis Kumar. M	Review Article of Acetic acid Production by Waste and Strains	Journal of Emerging Technologies and Innovative Research	8 (12), 335-43) ISSN: 2349-5162	2021
4.	Dr. G. Venkat Kumar	Nano-immunotherapeutic strategies for targeted RNA delivery: Emphasizing the role of monocyte/macrophages as nanovehicles to treat glioblastoma multiforme	Journal of drug deliver sciences and Technologies	Impact factor 3.92	2021
5.	Dr. Karthiga	Green Synthesized Zinc Nanoparticles Using Alpinia galanga (Red Ginger) Rhizome and Its Antioxidant and Anti-inflammatory Activity	International Journal of All Research Education & Scientific Methods	ISSN: 2455-6211	2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals / Conference	Month – Year
6.	Mr. Gandhiraj	Antidiabetic activity of polyherbal formulation	Journal of Pharma and Drug Regulatory Affairs	ISSN: 2582-3043	2021

BIOMEDICAL ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals / Conference	Month – Year
1.	Dr.Nishi Shahnaj Haider	Computerized Lung Sound Based Classification of Asthma and Chronic Obstructive Pulmonary Disease (COPD)	Biocybernetics and Biomedical Engineering Journal	Vol.42 / Issue 01 / https://doi.org/10.1016/j.bbe.2021.12.004	Jan-March 2022
2.	Dr.Nishi Shahnaj Haider	Respiratory Sound Denoising Using Sparsity-Assisted Signal Smoothing Algorithm	Biocybernetics and Biomedical Engineering Journal	Vol.42 / Issue 02 / https://doi.org/10.1016/j.bbe.2022.03.005	Apr-June 2022
3.	Mrs. Kathu Sara Renji	Efficient Spectrum sharing using femto cells for wireless networks	AIP Conference Proceeding	https://doi.org/10.1063/5.0072660	April 2022
4.	Mrs. Kathu Sara Renji	Prediction of risk in cardiovascular disease using machine learning	ICSDS - 2022 Conference	https://doi.org/10.1109/ICSCDS53736.2022.9760879	April 2022
5.	Dr. Amit Kumar Singh	Review on the usage of green energy and IoT in smart buildings	6th International Conference on Computing Methodologies and Communication (ICCMC), 2022	https://doi.org/10.1109/ICCMC53470.2022.9754130	March 2022

CHEMICAL ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
1.	Dr. H. Upender	Effects of operating variables in adsorption for azo textile dye from wastewater: Optimization of process parameters by Box-Behnken design of RSM : Isothermal and kinetic studies	Indian Journal of Technology	Vol.29, January, 2022 pp, 9-22	January - 2022
2.	Dr. Ashutosh Kr Chaudhary	Functionalization of unzipped multi-walled carbon nanotube oxides with L-tyrosine for the adsorption of methylene blue	Fullernes, Nanotubes and Carbon Nanostructures	DOI: 10.1080/153638 3X.2022.208040 80	June - 2022
3.	Dr. Jayato Nayak	Catalytic conversion of CO_2 to biofuel (methanol) and downstream separation in membrane-integrated photoreactor system under suitable conditions	International Journal of Hydrogen Energy	45, (1) 1, 675-690	January 2020
4.	Dr. Jayato Nayak	Concentration Enrichment of Fermentation Derived Acetic Acid: Transport Modeling of forward Osmosis- Nanofiltration Integrated System	Chemical Product and Process Modeling	https://doi.org/1 0.1515/cppm-2019-0019	December - 2019
5.	Dr. Jayato Nayak	Advanced operation and control in graphical user interface of a membrane-integrated hybrid biochemical process for acetic acid production	Indian Chemical Engineer	https://doi.org/1 0.1080/0019450 6.2019.1701572	December 2019

S.No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/ Journals/ conference	Month-Year
6.	Dr. Jayato Nayak	Modelling forward osmosis - nanofiltration integrated process for treatment and recirculation of leather industry wastewater	Computers and Chemical Engineering	Vol.127(2019)99-110	June-2019
7.	Dr. Jayato Nayak	Development of integrated photo-catalyst adsorbent (IPCA) for simultaneous capture and conversion of CO_2 to methanol	AIP Conference Proceedings 2105, 020006 (2019)	Volume 2105, Issue 1 > 10.1063/1.5100691	Dec-2019
8.	Dr. Jayato Nayak	Existence of cohesive force explains all phenomena that are in material which holds strong bond of all forces of attraction: A case study with carbon material	AIP Conference Proceedings 2105, 020006 (2019)	Volume 2087, Issue 1 > 10.1063/1.5095231	Dec-2019
9.	Dr.Jayato Nayak	Removing toxic contaminants from ground water by grapheme oxide nanocomposite in a membrane module under response surface optimization	International Journal of Environmental Science and Technology	16, pages:4583–4594	July-2019
10.	Dr. Jayato Nayak	A flux-enhancing forward osmosis-nanofiltration integrated treatment system for the tannery wastewater reclamation	Environmental Science and Pollution Research	24(18), 15768-15780	May-2017
11.	Dr. Jayato Nayak	Fermentive production of gluconic acid in membrane-integrated hybrid reactor system: Analysis of process intensification	Chemical Engineering and Processing: Process intensification	122, 258-268	December-2017
12.	Dr. Jayato Nayak	Acetic acid Production and Purification: Critical review towards Process	Separation and Purification review	46, 44-61	May-2017

S.No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/ Journals/ conference	Month- Year
		Intensification			
13.	Mr. S. Jenish	The rationale, scope, scientific value and future potential of biosorption research as an industrial process: a critical review	International Journal of Recent Scientific Research	8(1), 15336-15341	May-2017
14.	Mr. M .S. Manoj Kumar	VLE Prediction of azeotropic systems using UNIQUAC and UNIFAC models and experimental validation using Othmer VLE still	Research journal of Applied Sciences	13(3),216-224	2018
15.	Mr. M .S. Manoj Kumar	Vapour liquid equilibrium model testing based on activity coefficient models applied to binary azeotropic systems	International Journal of Chemical Research	11(1), 362-376	2018
16.	Mr. M .S. Manoj Kumar	Estimation of thermodynamic model of azeotropic systems using data assessment and thermodynamic consistency test	International Journal of Scientific Research of Science Engineering and Technology	4(1), 425-436	2018
17.	Mr. M .S. Manoj Kumar	Application of activity coefficient model in VLE determination for azeotropic system using Othmer type Ebulliometer	International Journal of Recent Trends in Engineering and Research	DOI: 10.23883/ijrter.2 018.4040.GBK01 , 338-343	2017
18.	Mr. M .S. Manoj Kumar	Thermodynamic analysis of azeotropic mixture for Vapour liquid equilibrium determination experimental and theoretical studies	Journal of Applied Sciences Research	14(1),12-24	2017

CIVIL ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Year
1.	Joseph Vianny.X	Experimental investigation of pond ash with micro silica as partial replacement of fine aggregate in concrete	International Research Journal of Modernization in Engineering Technology and Science	www.irjmets.com Vol.4 / Issue 07 / e-ISSN 2582-5208	2022
2.	C.Mohanaselvan	Experimental investigation on Partial Replacement of coarse aggregate by waste Rubber and cement by silica fume	Journal of Advanced Cement & Concrete Technology	https://doi.org/10.5281/zenoda.6390430 Vol.5 / Issue 01	2022
3.	R.Gowrishankar	A Study on compressive Axial Behavior of short column using Reshaped waste tyre Rubber as partial replacement of coarse aggregate	Journal of civil & Environmental Engineering	Vol.12 / Issue 02 e-ISSN 216 5-784X	2021
4.	R.Gowrishankar	Utilization of Municipal solid waste in bricks	Journal of Huazhong University of Science and Technology	Volume 50/ Issue 5	2021
5.	Dr.S.Anand Kumar Varma	Natural Air Purifier at Traffic Signals Powered by Vehicle Movement	Journal of Huazhong University of Science and Technology	Volume 50/ Issue 5	2021
6.	G.Gnanapragasam	Combined Treatment Of Real Sugar Industry And Sago Waste Water Using Hybrid Uplflow Anaerobic Sludge Blanket(Huasb) Reactor	Nature Environment And Pollution Technology	https://doi.org/10.46488/NEPT.2020.v19i04.035 Vol.19 / Issue 04 e-ISSN 2395-3454	2020
7.	K.Vivek	Use Of Waste Plastics Into The Manufacture Of Fly Ash Bricks	International Journal For Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2393-2887	2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Year
8.	R.Someshwaran M.Mohammed and Nasurudeen	Campus Mapping And Monitoring System Of Anna University Using Geospatial Techniques	International Journal Of Remote Sensing & Geoscience	Vol.5 / Issue 01 e-ISSN 2319-3484	2020
9.	C.Mohanaselvan	Utilization Of Bone Powder And Fly Ash For Cement In Concrete	Suraj Punj Journal For Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2394-2886	2019
10.	R.Kartheeshwaran	Health Monitoring System By Using Iot	International Journal Of Research In Engineering And Science	Vol.10 / Issue 04 e-ISSN 2320-9356	2019
11.	R.Kartheeshwaran	Experimental Investigation on Geopolymer concrete with partial replacement of C&D waste in foundry sand as fine aggregate	Suraj Punj Journal for Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2394-2886	2019
12.	R.Gowrishankar	Effective utilization of waste foundry sand and C&D waste in manufacturing of fly ash bricks	Suraj Punj Journal for Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2394-2886	2019
13.	S.Anand Kumar Varma	Prediction of NOX Concentration in the vicinity of Cement Industry Employing AERMOD Dispersion Modelling	Advances in computational and Bio Engineering	https:doi.org/10.1007/978-3-030-46943-6_51 Vol.02 / Issue 1	2019
14.	R.Gowrishankar	Effective investigation on use of Waste Polyethene in Bituminous Roads Construction	Suraj Punj Journal for Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2394-2886	2019
15.	K.Rajkumar	Experimental Investigation on Partial Replacement of cement by Marble dust and usage of Manufacturing Sand as Fine Agregate in concrete	Suraj Punj Journal for Multidisciplinary Research	Vol.9 / Issue 03 e-ISSN 2394-2886	2019

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Year
16.	R.Gowrishankar	Study on behaviour of paper industry treated with effluent water with chemical admixture as mixing water in concrete a project report	Journal of Huazhong university of science and technology	Vol.50 / Issue 05 e-ISSN 1671-4512	2019
17.	R.Gowrishankar	Utilization of municipal solid waste in Bricks	Journal of Huazhong university of science and technology	Vol.50 / Issue 05 e-ISSN 1671-4512	2019
18.	S.Anandkumar Varma	Concentration Enrichment of fermentation derived Acetic Acid: Transport Modeling of forward Osmosis Nanofiltration Integrated system	Chemical Product and Process Modelling	https:doi.org/10.1515/cppm-2019-0019 Vol.15 / Issue 01	2019
19.	V.Balaji, S.Anand Kumar Varma and Aswin.R	Industrial effuluent Treatment by Moringa oleifera as natural coagulant of different particle size	Global Science publication	Vol.20 / Issue 02 e-ISSN 0972-3005	2018
20.	Mr.P.Murali Krishna and S.Anand Kumar Varma	Study of post monsoon water quality Parameters in Pulicat lake ecosystem using Remote sensing and GIS	International Journal of Research	Vol.07 / Issue X e-ISSN 2236-6124	2018
21.	V.Sudha	Prediction of future surface water quality in trichurapalli district using SPSS Software	International Journal of research	ISSN No:2236-6124	October-2018
22.	M.Praveena	Prediction of future surface water quality in trichurapalli district using SPSS Software	International Journal of research	ISSN No:2236-6124	October-2018
23.	Dr.S.Anand Kumar Varma	Prediction of future surface water quality in trichurapalli district using SPSS Software	International Journal of research	ISSN No:2236-6124	October-2018
24.	R.Kartheeswaran	Investigation of strength and micro structural properties of bricks and paver blocks	International Journal of research	ISSN No:2236-6124	October-2018

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
25.	Gowrishankar R	Investigation of strength and micro structural properties of bricks and paver blocks	International Journal of research	ISSN No:2236-6124	October-2018
26.	Mohanaselvan C	Investigation of strength and micro structural properties of bricks and paver blocks	International Journal of research	ISSN No:2236-6124	October-2018
27.	Rajkumar K	Investigation of strength and micro structural properties of bricks and paver blocks	International Journal of research	ISSN No:2236-6124	October-2018
28.	Dr.J.Maheswaran	A study on sensor based structural health monitoring system	International journal of Research and scientific Innovation	ISSN No: 2321-2707	July 2017
29.	J.M.Joe Backiam	A study on sensor based structural health monitoring system	International journal of Research and scientific Innovation	ISSN No: 2321-2707	July 2017
30.	V.T.S.Vignesh	Vulnerability Assessment of coastal Aquifer using Remote sensing and GIS	International Research journal of engineering and technology	ISSN : 2395-0073	August 2017

COMPUTER SCIENCE AND ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
1.	Karthi, S., Dr.M.Parthiban, Gopinath T, Madhesh V, and Dinesh S	Machine Learning based Resource allocation for Industrial IOT	Journal of Chengdu University of Technology	ISSN-NO- 1671-9727	2021
2.	Dr.K P Manikandan, S Karthi	Assuage on Intricate Network Vulnerabilities by Efficient Strategies in Wireless Networks	Compliance Engineering Journal	DOI:16.10089.C EJ.2021.V12I9.2 85311.3777 VOLUME 12 ISSUE 9 2021	2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
3.	Dr.KP Manikandan, Dr.M.Parthiban, Gokilavani P, Hemapriya R, Madhumitha A	Machine Learning Framework for Face Masks Detection in Covid-19 Pandemic	Journal of Chengdu University of Technology	ISSN NO: 0898-3577	2021
4.	Arivarasan S, Deepak M	Human Computer Interaction based Hand Gestures Using Deep Learning and (ROI) of Interest Algorithm	International journal of advanced research in basic engineering sciences and technology	ISSN-NO- 1671-9727	2021
5.	Arivarasan S, Priyadharshini K	Detection Of Unauthorized Access in Bot-IoT Using Machine Learning Algorithm	International Journal of Advanced Research in Basic Engineering Sciences and Technology	ISSN(Online) : 2456-5717	2021
6.	Mr.P.Anbumani	Privacy Based Personalized Web Search For Search Engine Optimization	Journal of Chengdu University of Technology	ISSN(Online) : 2456-5717	2021
7.	Dr.K P Manikandan	Qos Improvement Using Hybrid Genetic Algorithm Based AODV In Manet	Turkish Journal of Computer and Mathematics Education	ISSN-NO- 1671-9727	2021
8.	Dr.M.Sangeetha	Increased Dimensionality Concerned Efficient Cancer Recognition Framework	GEDRAG & ORGANISATIE REVIEW	Vol.33 / Issue 03/ https://www.doi.org/10.37896/GOR33.03/511	July - Sep 2020
9.	Mr.P.Anbumani	Review on Privacy Preservation Methods in Data Mining Based on Fuzzy Based Techniques	IEEE / 2020 2nd International Conference on Advances in Computing, Communication Control and	10.1109/ICACCCN51052.2020.9362801	March 2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
			Networking (ICACCCN)		
10.	Dr.K.P.Manikandan	QoS Improvement Using Hybrid Genetic Algorithm Based AODV In Manet	Turkish Journal of Computer and Mathematics Education	https://doi.org/10.17762/turcomat.v12i8.3442 Vol.12 / Issue 08 / **e-ISSN** 1309-4653	April 2021
11.	Dr.N.K.Kuppuchamy	QoS Improvement Using Hybrid Genetic Algorithm Based AODV In Manet	Turkish Journal of Computer and Mathematics Education	https://doi.org/10.17762/turcomat.v12i8.3442 Vol.12 / Issue 08 / **e-ISSN** 1309-4653	April 2021
12.	Mr.S.Geerthk	QoS Improvement Using Hybrid Genetic Algorithm Based AODV In Manet	Turkish Journal of Computer and Mathematics Education	https://doi.org/10.17762/turcomat.v12i8.3442 Vol.12 / Issue 08 / **e-ISSN** 1309-4653	April 2021
13.	Dr.K.P.Manikandan	Assuage on Intricate Network Vulnerabilities by Efficient Strategies in Wireless Networks	Compliance Engineering Journal	DOI:16.10089.CEJ.2021.V12I9.285311.3777 Vol.12 / Issue 09 / ISSN NO: 0898-3577	September 2021
14.	Dr.S.Karthi	Assuage on Intricate Network Vulnerabilities by Efficient Strategies in Wireless Networks	Compliance Engineering Journal	DOI:16.10089.CEJ.2021.V12I9.285311.3777 Vol.12 / Issue 09 / ISSN NO:	September 2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
				0898-3577	
15.	Dr.M.Sangeetha	Fair Adaptive Cross Layer Resource Allocation Scheme for IEEE 802.16 Broadband Wireless Networks	Wireless Personal Communications	Springer/a1 https://doi.org/10 .1007/s11277- 019-06929-3	APRIL 2020
16.	Mr.P.Anbumani	An efficient approach for malicious threads on web search using intelligent odfc spider crawling algorithm	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57058 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
17.	Mr.S.Prabakaran	Atmiot-an event-driven crime data reporting service using ai	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57059 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
18.	Mr.D.Vimal Kumar	Expose and enumeration of face using image processing	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57061 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
19.	Mr.S.Prabakaran	An emergency alert using facial expressions for real-time driver drowsiness detection system	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57077 Volume IX, Issue III, UGC Journal	March 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
				ISSN – 2347 6648	
20.	Mr.M.Vasudevan	Anomaly detection in a video surveillance system	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57078 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
21.	Mr.K.Suresh Kumar	Block cyber bullying words using machine learning algorithm in social network framework	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57079 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
22.	Mr.P.Anbumani	Data mining approach for water conservation in domestic purposes using prediction techniques	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57080 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
23.	Mrs.S.Geetha	Water monitoring system in agriculture using sensors	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57081 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
24.	Mr.S.Gunasekaran	Intravenous fluid level monitoring system using iot	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57126 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
25.	Mrs.S.Abirami	Medical data analysis using neural network	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57127 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
26.	Mr.P.Anbumani	Vm consolidation and migration for iaas in cloud storage	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57129 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
27.	Dr.J.Suresh	A novel approach for the prediction of tread mill test in cardiology using data mining algorithms	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57134 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
28.	Mr.R.Vijayaganth	An integrated voice recognition used as a system assistant	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57136 Volume IX, Issue III, UGC Journal	March 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
				ISSN – 2347 6648	
29.	Mr.P.Anbumani	Automatic assessment of pavement condition based on road photographs	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57137 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
30.	Mrs.P.Latha	Biometric car security and observing framework utilizing iot	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57138 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
31.	Dr.J.Suresh	Blockchain based confidential schema for organized data in distributed networks	Parishodh Journal	Doi:09.0014.par ishodh.2020.v9i3 .0086781.57139 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
32.	Dr.N.K.Kuppuchamy	Camera vision based trash classification and detection system	Parishodh Journal	Doi:09.0014.pari shodh.2020.v9i3. 0086781.57140 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
33.	Mr.S.Geerthik	Fire and gas leakage detection using internet of things	Parishodh Journal	Doi:09.0014.parishodh.2020.v9i3.0086781.57143 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
34.	Ms.M.Maharasi	Image encryption over social network	Parishodh Journal	Doi:09.0014.parishodh.2020.v9i3.0086781.57151 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
35.	Mrs.B.Bavanidevi	Storage and security preservation using cloud based de-duplication scheme	Parishodh Journal	Doi:09.0014.parishodh.2020.v9i3.0086781.57160 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
36.	Mr.V.Kumararaja	Preventing cloud platform from traitor and detecting location using mac address	Parishodh Journal	Doi:09.0014.parishodh.2020.v9i3.0086781.5724 Volume IX, Issue III, UGC Journal ISSN – 2347 6648	March 2020
37.	Mr.R.Vijayaganth	Achieving data genuineness and security shielding in data markets using biometrics	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
38.	Mrs.N.Suguna	Adaptive multi-sensor fuzzy based bus tracking and information system using integrated rfid-iot	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
39.	Dr.S. K. Senthilkumar	An important enterprise resource planning tool for achievement of process tracking system	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
40.	Dr.S. K. Senthilkumar	Automated number plate detection and recognition using image processing techniques	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
41.	Ms.M.Maharasi	Digital asset auto devolution and will fortification bank locker system using IoT	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
42.	Mrs.G. Divyabharathi	Firefighting robot using pic micro-controller	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
43.	Mr.M.Vasudevan	Health monitoring on social media over time using k-means clustering algorithm	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
44.	Dr.S.K.Senthilkumar	Improving clever chatbot for web analytics	Test Engineering and Management	ISSN: 0193 - 4120	January - February 2020
45.	Mr.P.Anbumani, Mr.M.Vasudevan, Mr.V.Tharani	Ebans'vip' - Enhanced Bus Alert Navigation	Journal of Applied Science and Computations	doi:16.10089.jasc.2018.v5i12.453459.1500190 Volume 5, Issue XII	DEC 2018
46.	Mr.S.Prabakaran , Mr.S.Gunasekaran, Mr.K.Sureshkumar	DISSN - Upgrading Drip Irrigation System using Sensor Network	Journal of Applied Science and Computations	doi:16.10089.jasc.2018.v5i12.453459.1500192 volume 5, issue xii	DEC 2018

47.	Mr.P.Anbumani, Mr.V.Kumarraja, Mr.D.Vimalkumar	An Analysis on Protection Intimidation Issues and Confronts using Wireless Sensor Networks	Journal of Applied Science and Computations	doi:16.10089.jasc .2018.v5i12.4534 59.1500194 volume 5, issue xii	DEC 2018
48.	Mr.P.Matheswaran, Mr.P.Krishnamoorthy, Mr.S.Geetha	Pervasive Cloud based Healthcare Data Processing in Smart Cities	Journal of Applied Science and Computations	doi:16.10089.jasc .2018.v5i12.4534 59.1500196 volume 5, issue xii	DEC 2018
49.	Mr.P.Anbumani	RBPDMC- Rock Burst Prediction Model Using data Mining Classification	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
50.	Mr.S.Gunasekaran	RFDFCP - Improving Search Rank Fraud Detection using Finer Cluster Process	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
51.	Mr.V.Kumarraja	An Shoulder Peak Resistant PIN Security Scheme using Concentrate Haptic Feedback	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
52.	Mr.K.Sureshkumar	Automated Water Distribution System in metro's using IoT	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
53.	Mrs.S.Abirami	Automatic LPG gas Monitoring and Booking Through Android Application	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
54.	Mrs.B.Bavanidevi	Child Abuse Arrest Technique With Victims using Image Processing	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018

55.	Mr. P.Krishnamoorthy	Estimation of Trust Value for Secure Information Sharing on Social Network	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
56.	Mrs. S.Geetha	GPAS - Graphical Password Authentication System for Software Privacy Protection	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
57.	Mr.P.Anbumani	Online Auction using Cloud Computing with seCure Mechanism	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
58.	Mr.S.Prabakaran	Transform Android app into Self Defending Tool against Attacks for Women	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
59.	Mr.S.Rajesh Kumar	A New Hill Cipher Algorithm for image Encryption with Self Invertible Matrix	Journal of Applied Science and Computations	Volume 119, Speacial Issue	2018
60.	Mr.M.Parthiban	Ebans'vip'-Enhanced Bus Alert Navigation System for Visually Impaired People	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018
61.	Mr.P.Anbumani	An Analysis on Protection Intimidation Issues and Confronts using Wireless Sensor Networks	Journal of Applied Science and Computations	Volume 5, Issue XII	DEC 2018

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
62.	Dr.C.Sumithrdevi	Improved K-means with Fuzzy-Genetic Algorithm for Outlier Detection in Multi Dimensional Databases	International Journal of Pure and Applied Mathematics	Volume 118, Special Issue	2018
63.	Ms.M.Maharasi	Removal of Duplicate Storage of Encrypted Data in Cloud Computing Environment	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
64.	Ms.M.Shobana	Social Network based Disaster Analysis using User Trust Behavior Model	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
65.	Mr.P.Anbumani	Android Enabled Waste Management System	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
66.	Mr.S.Gunasekaran	Effective Web Search using HAPIT Algorithm	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
67.	Ms.M.Meenakshi Dhanalakshmi	Intelligent Beam Forming Schematic Nature Design with Multi-Time-Scale Strategies for Multi-Cell Network	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018

68.	Ms.K.Saranya	Automatic Vehicle Accident Detection System	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
69.	Ms.K.Santhiya	Human Body Sensor Health Monitoring System in the Fusion of IoT and Cloud Computing	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
70.	Ms.R.Keerthana	Distributed Data Transfer for Disaster using Cloud Computing Infrastructure	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
71.	Ms.A.Ramya	Efficient Central Keyword based Search Method Over Encrypted data in Cloud	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
72.	Mr.J.Rajiv Kumar	Information Secure over Unauthorized Attack in Cloud Environment	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
73.	Ms.T.Brindha	Predictive Energy Saving in Search Engine using Query Processing	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
74.	Mr.Vignesh Dhandapani	Plant Health Monitoring using Image Processing	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
75.	Dr.R.Thendral	Video Dehazing and Defogging Method using Multiscale Guided Filter	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
76.	Ms.R.Sangeetha	SUPERMAN: Security Using Pre-Existing Routing for Mobile Adhoc Networks	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
77.	Mr.S.Prabaharan	Web of Things based Student Tracking Monitoring System	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018
78.	Dr.R.Thendral	A Cloud Based Bus Alert System for Navigation of Blind People	International Journal of Engineering Research in Computer Science and Engineering	Volume 5, Issue III	MAR 2018

ELECTRICAL AND ELECTRONICS ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
1.	Dr.I.Kathir	Utilization of tea industrial wastes for low grade energy recovery: optimization of liquid oil production and its characterization	Advances in Materials Science and Engineering, Hindawi publishers	Volume 2022 | Article ID 7852046 | https://doi.org/10.1155/2022/7852046	March 2022
2.	Mr. B. Prakash Ayyappan	LFC of MAMS Electrical Power System using ACO Technique with PID Controller	Science, Technology and Development	Vol.10	September 2021
		Design and analysis of the performance of multi-	Bulletin of the Polish Academy of	Vol.69	October 2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
		source interconnected electrical power system using resilience random variance reduction technique	Sciences Technical Sciences		
3.	Mr. K. Karthi	A detailed study on the effectiveness of machine learning algorithm for analysing the characteristics of DC machines by Direct and Indirect testing methodologies	Springer Proceedings		2021
.4.	Mr. A.Jainuuldeen	Solider health care monitoring and tracking system using IOT	Science, Technology and development journal, UGC care Journals	Volume X1, Issue V	May 2022
5.	Dr. G. Saravanan	Design of soft switching interleaved boost converter based photovoltaic system	Science, Technology and development journal, UGC care Journals	Volume X1, Issue V	May 2022
6.	Mr.R. Sivakumar	Architecture of Low Power Energy Harvester Using Hybrid Input Solar, Peltier Thermo Electric and Vibrational Generation	International Research Journal of Innovations in Engineering and Technology (IRJIET)	ISSN (online): 2581-3048 Volume 5, Issue 4, pp 68-73	April-2021
		IoT based string failure detection and monitoring system	International Journal of Advance Research, Ideas and Innovations in Technology	Volume 7, Issue 4 - V7I4-1787	March 2021
7.	Dr.G. Prabhakar	ANFIS PD Plus I Control On Simscape Model of Nonlinear Physical System	Journal of Control Engineering and Applied Informatics	Volume 23 Issue 1 Pages 50-59	March 2021
		A Novel Source side power	Bulletin of the Polish	Vol. 69(2), 2021,	Feb,

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
		quality improved soft starting of three-phase induction motor using a symmetrical angle controller through pic microcontroller	Academy of Sciences Technical sciences,	Article number: e136746	2021
8.	Dr.B.Senthilkumar	Design and Implementation of a Transformer Less Single-Phase Symmetrical Z-Source Heric Inverter with Reduced Leakage Currents for PV Systems	Journal of University of Shanghai for Science and Technology (JUSST),	ISSN: 1007-6735, Volume 22, Issue 12, pp 1397-1404.	December 2020
		Design of Charge Controller for Mobile using Arduino & GSM",	Annals of R.S.C.B.,	ISSN:1583-6258, Vol. 25, Issue 4, Pages. 6460–6464	April, 2021
		MMC controller and Controllable Capacitor based Reactive Power Control in HVDC Systems	Compliance Engineering Journal	ISSN NO: 0898-3577, Volume 12, Issue 2, pp 29-38	Feb. 2021,
9.	Dr.K.Umamaheswari	Robust PV Fed Discrete Controller for Heating and Lighting Applications	Springer Link, Conference paper	Intelligent Manufacturing and Energy Sustainability pp 697-704	April 2021
		ANFIS PD Plus I Control On Simscape Model of Nonlinear Physical System	Journal of Control Engineering and Applied Informatics	Volume 23 Issue 1 Pages 50-59	March 2021
10.	Dr.P.Arulkumar	Design of Charge Controller for Mobile using Arduino & GSM",	Annals of R.S.C.B.,	ISSN:1583-6258, Vol. 25, Issue 4, Pages. 6460–6464	April, 2021
11.	Mr. A. Jainulafdeen	Cement Bags Receipt Automation on Customer End	Journal of University of Shanghai for Science and Technology	Volume 22, Issue 11, ISSN: 1007-6735	November 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
12.	Mr. K. Karthi	Design and Implementation of a Transformer Less Single-Phase Symmetrical Z-Source Heric Inverter with Reduced Leakage Currents for PV Systems	Journal of University of Shanghai for Science and Technology (JUSST),	ISSN: 1007-6735, Volume 22, Issue 12, pp 1397-1404.	December 2020
13.	Mr. B. Prasanth	Design and Implementation of a Transformer Less Single-Phase Symmetrical Z-Source Heric Inverter with Reduced Leakage Currents for PV Systems	Journal of University of Shanghai for Science and Technology (JUSST),	ISSN: 1007-6735, Volume 22, Issue 12, pp 1397-1404.	December 2020
14.	Mr. P.Parthasarathy	Cement Bags Receipt Automation on Customer End	Journal of University of Shanghai for Science and Technology	Volume 22, Issue 11, ISSN: 1007-6735	November 2020
		Battery Powered By The PV System Using Multilevel Inverter At 5 Level To Maximize The Efficiency	Turkish Journal of Computer and Mathematics Education	Vol.12 No. 7 (2021), 1880-1885	April 2021
15.	Mr. S.Ragul	Cement Bags Receipt Automation on Customer End	Journal of University of Shanghai for Science and Technology	Volume 22, Issue 11, ISSN: 1007-6735	November 2020
16.	Mr. C.Maheshkumar	Cement Bags Receipt Automation on Customer End	Journal of University of Shanghai for Science and Technology	Volume 22, Issue 11, ISSN: 1007-6735	November 2020
17.	Dr.K.Umamaheswari	Robust PV Fed Discrete Controller For Heating And Lighting Applications	Springer – Smart Innovation, Systems and Technologies	Published Online	May 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
		Online optimization based model predictive control on two wheel Segway system	Materials Today: Proceedings - Elsevier	Published Online	May 2020
18.	Dr.G.Prabhakar	Fault Data Injection Attack on Nonlinear Physical System and Mitigation Based on Interval Type2- Fuzzy Logic Controller	IET Cyber Physical Systems: Theory & Applications	Volume 4, Issue 2	June 2019
		Detection of Moving Object in Dynamic Visual Sequences Based on Partial Least Squares Classifier	Journal of Medical Systems -Springer	Volume 43, Issue 8	July 2019
		Power Management Storage through Local Consumer Demand Control Using IOT in	materials today: Proceedings - Elsevier	Published Online	May 2020
		Online optimization based model predictive control on two wheel Segway system	materials today: Proceedings - Elsevier	Published Online	May 2020
19.	Dr.P.Elamurugan	Online optimization based model predictive control on two wheel Segway system	materials today: Proceedings - Elsevier	Published Online	May 2020
		Active Vibration Control of Rotating Machines	Solid State Technology	Volume 63, Issue 2	June 2020
		Implementation of RGA and Decoupler for the Fluid Catalytic Cracking Unit in Petroleum Refinery	GIS Science Journal	Volume 7, Issue 11	June 2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
		Design and Implementation of Gait Analysis System	Interciencia Journal	Volume 44, Issue 12	Dec 2019
20.	R.Sivakumar	Design and Implementation of Gait Analysis System	Interciencia Journal	Volume 44, Issue 12	Dec 2019
21.	A.Jainulafdeen	Active Vibration Control of Rotating Machines	Solid State Technology	Volume 63, Issue 2	Feb 2020
22.	S.Ragul	Design and Implementation of Gait Analysis System	Interciencia Journal	Volume 44, Issue 12	Dec 2019
23.	R.Sivakumar	Production of Power Using Wind Turbine New Model	Journal of Applied Science and Computations	Volume: 5, Issue: 10	October 2018
		A three state switching boost Converter mixed with magnetic Coupling and voltage multiplier Techniques for high gain conversions	Journal of Emerging Technologies and Innovative Research	Volume: 5, Issue: 9	September-2018
24.	Dr.K.Umamaheswari	Reduction of source current and source voltage harmonics using SHAPF	Asian Journal of Electrical Sciences	Volume 7 Issue: 2	December 2018
		Matrix Converter Based Series Compensator For Mitigating Power Quality Disturbances	Journal of Emerging Technologies and Innovative Research	Volume 5 Issue: 9	September 2018
		Perturbation On-Time (POT) Technique to improve Power factor	International journal of Advance Research in Science &	Volume 7 Issue: 1	January 2018

		Correction and Low THD	Engineering		
25.	R.Arunkumar	A three state switching boost Converter mixed with magnetic Coupling and voltage multiplier Techniques for high gain conversions	Journal of Emerging Technologies and Innovative Research	Volume: 5, Issue: 9	September-2018
		Production of Power Using Wind Turbine New Model	Journal of Applied Science and Computations	Volume: 5, Issue: 10	October 2018
26.	S.Preetha	Matrix Converter Based Series Compensator For Mitigating Power Quality Disturbances	Journal of Emerging Technologies and Innovative Research	Volume 5 Issue .9	September 2018
		Reduction of source current and source voltage harmonics using SHAPF	Asian Journal of Electrical Sciences	Volume 7 Issue .2	December 2018
27.	M.Balamurugan	Production of Power Using Wind Turbine New Model	Journal of Applied Science and Computations	Volume: 5, Issue: 10	October 2018
		A three state switching boost Converter mixed with magnetic Coupling and voltage multiplier Techniques for high gain conversions	Journal of Emerging Technologies and Innovative Research	Volume: 5, Issue: 9	September-2018
28.	S.Sathiya	Distributed Generation allocation in Distribution System using Optimization Techniques	Journal of Emerging Technologies and Innovative Research	Volume: 5, Issue: 11	January - 2018
29.	L.Sreevidya	Distributed Generation	Journal of Emerging	Volume:	January -

		allocation in Distribution System using Optimization Techniques	Technologies and Innovative Research	5, Issue: 11	2018
30.	S.Ramachandran	Production of Power Using Wind Turbine New Model	Journal of Applied Science and Computations	Volume: 5, Issue: 10	October 2018
		A three state switching boost Converter mixed with magnetic Coupling and voltage multiplier Techniques for high gain conversions	Journal of Emerging Technologies and Innovative Research	Volume: 5, Issue: 9	September-2018
31.	M. Ramachandran	Reduction of source current and source voltage harmonics using SHAPF	Asian Journal of Electrical Sciences	Volume 7 Issue.2	December 2018
		Matrix Converter Based Series Compensator For Mitigating Power Quality Disturbances	Journal of Emerging Technologies and Innovative Research	Volume 5 issue.9	September 2018
32.	S.Muthu Kumar	Nine Switch Converter Fed Induction Motor with V/F Control using PIC Microcontroller	International journal of Information and computing Science	Volume 5, Issue 11	November 2018
33.	R.Sivakumar	E-Monitoring of Academic Details Using RFID	International Journal of Advanced Research In Management, Architecture, Technology & Engineering	Volume: 45, Issue: 4	April 2018
34.	R.Arunkumar	Application of IOT for Energy Conservation	International Journal of Advanced Research, Ideas and	Volume: 4, Issue: 2	April 2018

			Innovation in Technology		
35.	S.Preetha	Fault detection and protection of Induction motor using PLC	International journal of Advance Research in Architecture, Technology and Engineering	Volume: 4, Issue: 4	April 2018
36.	B Satheesh Prabhu	High efficiency solar power and battery based hybrid micro grid using unified control scheme	International journal of Advance Research in Architecture, Technology and Engineering	Volume: 4, Issue: 4	April 2018
37.	Bini Bright	Power Generation Using Piezoelectric Effect With Inductor Less Rectifier	International journal of Advance Research in Architecture, Technology and Engineering	Volume: 4, Issue: 4	April 2018
		SCADA Based Thermal Power Plant Monitoring and Controlling Using GSM Technology	International journal of Advance Research in Architecture, Technology and Engineering	Volume: 4, Issue: 4	April 2018
38.	Ms.N.Abirami	Interleaved Soft-Switching Boost Converter For Photovoltaic Power-Generation System	International journal of Advance Research in Architecture, Technology and Engineering	Volume: 4, Issue: 4	April 2018

ELECTRONICS AND COMMUNICATION ENGINEERING:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
1.	Dr. R. Poornachandran	Influence of Barrier with Gate Sinking on the performance of InAs composite channel DMDG-HEMT Devices for High-frequency applications	Silicon	1876-9918	2022
2.	Dr. R. Ramesh Babu	Trustworthy Data Transmission system for MANET using signcryption technique	Science, Technology and Development	0148-5717	2022
3.	C. Moorthy	An Efficient framework for the segmentation of Glioma Brain tumor using Image fusion and co active adaptive neuro fuzzy inference system classification method	Journal of Medical Imaging and Health Informtics	2156-7026	2021
4.	K. Mohanaprakash	Efficient and secure remote health management in cloud in vehicular adhoc network environment	Journal of Medical Imaging and Health Informatics	2156-7026	2021
5.	N. Manikandan	Image cryptography using efficient VLSI design of Nano AES design	International Journal of All Research Education and Scientific Methods	2455-6211	2022
6.	Dr. P.S Gomathi	Cardio vascular diseases prediction and detection using image processing techniques	International Journal of Innovative Research in Computer and Communication Engineering	2320-9798	2022
7.	S. Purushothaman	An efficient implementation of autonomous attendance system using convolution neural network	International Journal of Innovative Technology and Exploring Engineering	2278-3075	2022
8.	N. VijayaBala	Women safety devices with GPS tracking and alerts using Arduino	International Journal of All Research Education and Scientific Methods	2455-6211	2022
9.	Ms. K. Sharmela	An Intellectual design for greenhouse climate perceiving and regulating for efficient agro	International Journal of All Research Education and Scientific Methods	2455-6211	2022

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
10.	Ms. S. Janani	Smart medicine box using IOT	International Journal of All Research Education and Scientific Methods	2455-6211	2022
11.	Ms. S. Janani	An efficient VLSI design of BCD adder based on majority gates	International Journal of All Research Education and Scientific Methods	2455-6211	2022
12.	R. Haripriya	Visual Memory- Model to visualize and back up your brain visual signals using deep learning and IOT	International Journal of All Research Education and Scientific Methods	2455-6211	2022
13.	N. Vijayabala	Protection of crops from wild animals using Intelligence surveillance	International Journal of All Research Education and Scientific Methods	2455-6211	2022
14.	R. Haripriya	Prepaid Energy meter using GSM and Arduino	International Journal of All Research Education and Scientific Methods	2455-6211	2022
15.	P. Nandhini	Neural Network based forest fire detection and acoustic wave fire extinguisher	International Journal of Current Science - IJCSPUB	970983	2022
16.	G. Mohanavel	An effective Integrated license plate recognition and speed detection for transportation system	International Journal of Research and Analytical Reviews	2348-1269	2022
17.	R. Krishnan	Smart safety monitoring system for sewage workers	International Journal of All Research Education and Scientific Methods	2455-6211	2022
18.	R. Krishnan	IoT and GSM based child abduction rescue device	International Journal of All Research Education and Scientific Methods	2455-6211	2022
19.	S. Keerthana	Quantitative assessment of reheated coconut oil using transmittance multispectral imaging	International Journal of Research in Engineering and Technology	2395-0072	2022
20.	Mahesh kumar	Platform for cardiovascular disease identification and alert system	International Journal of All Research Education and Scientific Methods	2455-6211	2022

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
21.	K. Kalaichelvi	Facemask and physical distancing detection using transfer learning technique	International Research Journal of Engineering and Technology	2395-0072	2022
22.	R. Lakshmi	Energy efficient resource allocation in wireless energy harvesting sensor networks	International Journal of All Research Education and Scientific Methods	2455-6211	2022
23.	R. Lakshmi	Convolutive prediction for monaural speech dereverberation and noisy reverberant system	International Journal of All Research Education and Scientific Methods	2455-6211	2022
24.	Dr. R. Ragupathy	Real time security using YOLO technology	International Journal of Innovative Technology and Exploring Engineering	2278-3075	2022
25.	N. Manikandan	Automated rational disbursal for the public distribution system using biometric authentication	International Journal of All Research Education and Scientific Methods	2455-6211	2022
26.	S. Keerthana	Bloodchain: Revolutionary blood bank monitoring platform that provide traceability of blood bags using blockchain	International Journal of All Research Education and Scientific Methods	2455-6211	2022
27.	K. Kalaichelvi	Crypto currency price prediction using RNN-LSTM	International Journal of Research and Analytical Reviews	2348-1269	2022
28.	R. Vallisuseela	Stress effect on attention level detection using neurosky mind wave headset	International Journal of All Research Education and Scientific Methods	2455-6211	2022
29.	Dr. M. Kalaiyarasi	Color-Based SAR Image Segmentation Using HSV+FKM clustering for Estimating the Deforestation Rate of LBA-ECO LC-14 Modeled Deforestation Scenarios	Arabian Journal of Geosciences	10.1007/s12517-021-07069-4	2020
30.	Dr. M. Kalaiyarasi	Forestry Land Cover Segmentation of SAR Image Using Unsupervised ILKFCM	Materials today: Proceedings	10.1016/j.matpr.2021.01.779.	2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
31.	Dr. M. Kalaiyarasi	High-Fidelity Reversible Data Hiding Scheme using Hybrid Generalized Singular Value Decomposition and Rivest Shamir Adleman Algorithm	Materials today: Proceedings,	10.1016/j.matpr.2021.01.614	2021
32.	Dr. Poornachandran	Influence of $HfAlO_x$ in DC, RF and Microwave Noise Performance of Dual-Channel Single-Gate InAs MOSHEMT	Journal of Electronic Materials	19022304	2021
33.	Dr. Poornachandran	Impact of High-K and Gate-to-Drain Spacing in InGaAs/ InAs/InGaAs-based DG-MOS-HEMT for Low-leakage and High-frequency Applications	IETE Journal of Research	10.1080/03772063.2021.1929517	2021
34.	Dr. Poornachandran	Noise Characterization of InAs Based Composite Channel DG -MOSHEMT with Different Gate Dielectrics	Silicon	10.1007/s12633-021-00954-3	2021
35.	Dr. Poornachandran	Enhanced InGaAs/InAs/ InGaAs Composite Channel MOSHEMT Device Performance by Using Double Gate Recessed Structure with HFO_2 as Dielectric Materials	Micro-Electronics and Telecommunication Engineering	10.1007/978-981-33-4687-1_49	2021
36.	S.Purushothaman	Cu_2O nano sheets decorated Cu MnO_2Nano sphere Electro deposited on Cu foil as high performance super capacitor electrode	Material Science in Semiconductor processing	10.1016/j.mssp.2020.105366	2021
37.	S.Purushothaman	Effective implementation of smart agriculture monitoring systemusing IoT sensor network	International Journal of Advance research, Ideas, and Innovations in Technology	ISSN: 2454-132X	2021

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
38.	R.Raghupathy	Detection and segmentation of cancer region sincervical images using fuzzy logic and adaptive neuro fuzzy inference system classification method	Wiley Journal	ISSN No. 2020; 30: 412–420.	2019
39.	Dr.M.Sundaram	Thermography based breast cancer detection using self-adaptive gray level histogram equalization color enhancement method	International journal of Imaging systems and Technology, John Wiley & Sons	10.1002/ima. 22488	2020
40.	C.Moorthy	An efficient WSN based Solution for Border surveillance	Gedrag & Organisatie Review	ISSN No: 0921-5077	2020
41.	C.Moorthy	Deep learning with fine Tuning strategy for image Segmentation and classification	Journal of Xidian University	ISSN No: 1001-2400	2020
42.	C.Moorthy	Prognosis of Lung Cancer System using 3D Deep Convolutional Neural Network	High Technology Letters	ISSN No: 1006-6748	2020
43.	M.Dinesh	Field Ploughing by Driverless Tractor Using Arduino	Journal of Xidian University	ISSN No: 1001-2400	2020
44.	Dr.P.S.Gomathi	Multimodal Sensor Medical Image Fusion Based on Laplacian Filter	Journal of Xidian University	ISSN No: 1001-2400	2020
45.	P.Poornima	Removal of Specular Reflection and Early Detection of Glaucoma	Journal of Xidian University	ISSN No: 1001-2400	2020
46.	R.Vallisuseela	Android Application based Digital Notification Board with an Audible System	Journal of Xidian University	ISSN No: 1001-2400	2020
47.	T.Sivalingam	Cluster Based certificate Revocation with Capability for mobile Adhoc networks	Journal of Xidian University	ISSN No: 1001-2400	2020

S. No	Name of the Faculty	Title	Name of the Journal/Conference/Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
48.	S.Keerthana	Pulmonary Disease Prediction using deep Learning Using Lung Sound Database	Journal of Xidian University	ISSN NO: 1001: 2400	2020
49.	S.Keerthana	Design and Implementation of ATM Security System using Vibration Sensor and GSM Modem	Journal of Xidian University	ISSN NO: 1001:2400	2020
50.	S.Sujitha	RFID Based system for school Children Transportation Safety	Journal of Xidian University	ISSN NO: 1001:2400	2020
51.	D.S.Priyanka	Eminent and safe child Rescue system	Journal of Xidian University	ISSN NO: 1001:2400	2020
52.	Dr.M.Sundaram	Gender classification from face images by mixing the classifier outcome of prime, distinct descriptors	Soft Computing, Springer	10.1007/s00500-018-03679-5	2018
53.	R.R.Jegan	Traffic light controller Using sound sensors and density sensors	IEEE Xplore	978-1-5386-1974-2	2018
54.	R.R.Jegan	Modern design and implementation of X-Y plotter	IEEE Xplore	978-1-5386-1974-2	2018
55.	R. Ashok Kumar	A Beacon Based Automatic Vehicle Speed Control System for Restricted Zone	International Journal of Research(IJR)	2236-6124	2018
56.	Karthikeyan N.M	Simulation Analysis of High Step-Up Current Fed DC– DC Converter	Journal of Applied Science and Computations (JASC)	1076-5131	2018
57.	S.Keerthana	Design of Efficient Hybrid Adders with Reduced Time Complexity	Journal of Applied Science and Computations (JASC)	1076-5131	2018

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
58.	D.S.Priyanka	Automatic Method for Enhancement and Detection of Curvilinear Structure in 2-D Geophysical Image	Journal of Applied Science and Computations(JASC)	1076-5131	2018
59.	K.K.Sangeetha	Analysis of CT Liver Images for Clinical Application using Neural Network	Journal of Applied Science and Computations (JASC)	1076-5131	2018
60.	R.Mohanavel	Design of Microstrip-Fed Patch Antenna Array with Enhanced Bandwidth and Harmonic Suppression	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
61.	D.S.Priyanka	Design of Miller Encoding Technique for DSRC Applications	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
62.	R.PremKumar	Emerging Technologies for Public Safety Communication during Disaster	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
63.	R.R.Jegan	A Smart Way of Charging using Wireless Power System	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
64.	S.Keerthana	IOT Based Soil Nutrient Detection and Suggesting the Crop Seeds	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
65.	M.Ponkarthika	Self-Controllability of Automobiles Through ECG of Humans	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
66.	S.Satish	Conversion And Monitoring of Sound and Heat into Electrical Energy	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
67.	P.Deepiha	Chaos Based Security System in Optical Communication	SurajPunj Journal for Multidisciplinary Research	2394-2886	2019
68.	T.Sivalingam	Dehazing and Color Restoration of Underwater Images	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
69.	K.Kalaichelvi	Centralized Hospital Donor System using Web Application	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
70.	K.Kalaichelvi	Deceptive visual Impression to prevent shoulder surfer attack	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
71.	P.Poornima	Automated Segmentation of Touching and Overlapping of Human Chromosome Images	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
72.	N.Arunkumar	Smart Electronic Voting System Using RFID and Fingerprint	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
73.	K.Kalaichelvi	Online Ambulance Booking Application	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
74.	R.Dhayabarani	Sewage and Drainage Inspection Using Integrated Technologies	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
75.	Dr.P.S.Gomathi	Smart Railways with Identity Verification System	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
76.	S.Meena	Efficient Multiplier Using15:4 Compressors	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
77.	R.Dhayabarani	Design of On-Chip Antenna for Wimax Applications	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
78.	R.Vallisuseela	Enhancing Security of Wireless Body Area Networks using Secure Trust –Optimized Link State Routing (St-Olsr) Protocol	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
79.	R.Ashok Kumar	Detection and Control of Power Theft using Power Line Communication	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
80.	P.Poornima	An Effective Design of Fixed Width Adder Tree Using Improved Truncation	Suraj Punj Journal for Multidisciplinary Research	2394-2886	2019
81.	Dr.D.Bright Anand	Adaptive Batch Mode Active Learning Technique Using an Improved Time Adaptive Support Vector Machine for Classification of Remote Sensed Image Applications	Journal of Computational and Theoretical Nanoscience	1546-1955	2017
82.	Dr.D.Bright Anand	Image Fusion - Novel Approach of Contrast Enhancement by Discrete Shearlet Transform(DST)	Journal of Computational and Theoretical Nanoscience	1546-1955	2017
83.	Gomathi P.S	Medical image fusion based on multi scale transforms	Journal of Medical Imaging and Health Informatics	2156-7018	2017
84.	P. Deepiha	Numerical Analysis of Bistabilityand Chaos in Bisection LaserDiode	International Journal of Pure and Applied Mathematics(IJPAM)	Volume.119 No.7 2018, 1127-1132 ISSN:1314-3395	2017

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
85.	Dr.M.Azees	An efficient and secure authentication scheme for wireless body area networks	IEEE Xplore	978-1-5386-1974-2	2018
86.	Dr.M.Azees	EMBA: An efficient anonymous mutual and batch authentication Schemes for vanests	IEEE Xplore	978-1-5386-1974-2	2018
87.	R.Dhayabarani	Design of FIR filter for detection power line interference from ECG signal	IEEE Xplore	978-1-5386-1974-2	2018
88.	R.Dhayabarani	High gain microstrip patch antenna for biomedical applications	IEEEXplore	978-1-5386-1974-2	2018
89.	K.Kalaichelvi	Brest cancer early detection using x-ray images	International Journal of Pure and Applied Mathematics	1314-3395	2018
90.	D.BrightAnand	Polar ice image segmentation using improved estimation and Normalization of illumination	Cluster Computing	1573-7543	2018
91.	S.RajeshKumar	Design of archimedean spiral antenna for radar appplications	International Journal of Pure and Applied Mathematics	1314-3395	2018
92.	KVijayalakshmi	Smart electricity bill generation and alert with auto cutoff using IOT	International Journal of Research and Engineering	Volume5 Issue 2	2018
93.	R.Ashokumar	Automatic LPG reservation and Spillage identification system	International Journal of Research and Engineering	2349-252X	2018
94.	M.Thangavel	IOT based smart automatic Shopping cart with overload indicator	Global Research and Development Journals	Volume3 Issue 5	2018

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ conference	Month – Year
95.	N.Arunkumar	Analysis of various dispersion parameters of optical solution Using optisystem	Global Research and Development Journals	Volume3 Issue 5	2018
96.	R.Ashokumar	Hitandrun vehicle identification Using RFID	International Journal of Engineering Research & Technology	Special Issue	2018
97.	P.Poornima	Design and implementation of automatic toll collection system Using RFID	Global Research and Development Journals	Volume3 Issue 5	2018
98.	M.Vadivel	IOT based home visitor monitoring system using Raspberrypi	International Research Journal of Engineering and Technology	Volume5 Issue 3	2018
99.	S.Keerthika	A wireless sensor network based Borer monitoring using clusters	International Research Journal of Engineering and Technology	Volume5 Issue 3	2018
100.	T.Sivalingam	Child tracking device	International Journal of Engineering Research & Technology	Volume6 Issue 8	2018
101.	A.Muppidathi@saravanan	Implementation of 8 to3 Encoder using machzehnder interferometer in optical communication	International Journal of Science and Research	Volume1 Issue 1	2018

INFORMATION TECHNOLOGY:

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
1	Dr. M. Parthiban	Equality Query Efficientlyand Encrypt the Data Privately on Cloud Computing with Data Dynamics	SCRIPOWN Publications	Accepted	Feb 2022

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
2	Mr. K. Manivannan	Design of Multi-Objective Pigeon Inspired Optimization with Multi Kernel Support Vector Machine for Big Data Analytics	Journal of Information and Computational Science	ISSN: 1548-7741	Feb 2022
3	Dr. M. Parthiban	Machine Learning based Resource allocation for Industrial IOT	Journal of Chengdu University of Technology	ISSN-No-1671-9727	Nov 2021
4	Dr. M. Parthiban	Machine Learning Framework for Face Masks Detection in Covid-19 Pandemic	Journal of Chengdu University of Technology	ISSN-No-1671-9727	Nov 2021
5	Dr. M. Parthiban	Privacy Based Personalized Web Search For Search Engine Optimization	Journal of Chengdu University of Technology	ISSN-No-1671-9727	Nov 2021
6	Mr. K. Manivannan	An Automated Leaf Recognition System For Herbs Identification Using Deep Learning Techniques	International Journal of Advanced Research in Basic Engineering Sciences and Technology	ISSN(ONLINE): 2456-5717	Apr 2021
7	Dr. M. Parthiban	MHRBT - Master Health Record using Blockchain Technology	Gorteria Journal	ISSN: 0017-2294	Mar 2021
8	Dr. P. Arockia Mary	Problem Solving and Python Programming	Shanlax Publications	ISBN: 978-93-90082-60-5	Oct 2020
9	Dr. M. Parthiban Mr. K. Manivannan	Improved User Data and Information Access using Search Based Algorithms	Notion Press; 1st edition (19 October 2020)	ISBN: 978 - 93 – 5406 – 379 - 4	Oct 2020
10	Mr. R. Kumaran	Sentiment analysis in E- Commerce using Recommendation System	International Journal of Engineering and Technology (IJERT)	ISSN: 2278-0181	Aug 2020
11	Dr. M. Sangeetha Mr. K. Manivannan	Categorization of Cancer Genes By Utilizing Data Mining	Journal of Xidian University	ISSN: 1001-2400	Aug 2020

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
	Ms. N. Premalatha	Technique And GPSO Feature Selection			
12	Mr. K. Manivannan	ARN – for Privacy Preserving Authentication Scheme for VANETs using Blockchain	International Journal of Engineering and Technology(IJERT)	ISSN: 2278-0181	Aug 2020
13	Mr.M.Sathyanarayanan	Warplane Security and Communication System usingLi-Fi	International Journal of Engineering and Technology(IJERT)	ISSN: 2278-0181	Aug 2020
14	Mrs. N. Premalatha	Smart Traffic Management and Time Management using Bigdata Analysis	International Journal of Engineering and Technology(IJERT)	ISSN: 2278-0181	Aug 2020
15	Mrs. N. Premalatha	VANET based Communication on Vehicles for Accident Prevention	International Journal of Engineering and Technology(IJERT)	ISSN: 2278-0181	Aug 2020
16	Mrs. D. Maalini	Fingerprint based Anti Theftfor Two Wheelers Authentication of Vehicle users	International Journal of Engineering and Technology(IJERT)	ISSN: 2278-0181	Aug 2020
17	Dr. M. Parthiban Mr. K.Manivannan	Search Engine OptimizationUsing Query Processing	LAP Lambert Academic publishing (10 April 2020)	ISBN-10 : 6202513209 ISBN-13 : 978-6202513203	Apr 2020
18	Dr. M. Parthiban	Client Centric Proxy Re- encryption for Outsourced Data in the Cloud	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
19	Dr. M. Parthiban	Filter Based Secure Loggingfor Wearable Healthcare Sensing Device	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
20	Dr. M. Parthiban	Advanced Vehicle TheftDetection using Image Processing	Parishodh Journal	ISSN NO:2347-6648	Mar 2020

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
21	Dr. M. Parthiban	Detection of Growth Illness in Crops Using Morphological Operations from UAV Image	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
22	Dr. M. Parthiban	Advanced Monitoring Surveillance System using Arduino Uno Technology	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
23	Dr. M. Parthiban	CVGDT - Cluster based VANET using Greedy Detection Techniques	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
24	Dr. M. Parthiban	Data and User Confidentiality Privacy Preservation in Distributed Servers	Parishodh Journal	ISSN NO:2347-6648	Mar 2020
25	Dr. M. Parthiban	Block Chain Essentials	Amazon Asia-Pacific Holdings Private Limited	ISBN: 978-93-5396-986-8	Feb 2020
26	Dr. M. Parthiban	Structural Testing Using Cloud Computing	Notion Press (25 February 2020)	ISBN-13 : 978-9354060953	Feb 2020
27	Dr. M. Parthiban	A Block chain and IOT Coupled Security Mechanism for Voting Prevent Election Data Tampering	Test Engineering and Management	ISSN: 0193 - 4120	Feb 2020
28	Dr. M. Parthiban	Improved Testing Automation Framework for Web Application using Selenium Web Driver	Test Engineering and Management	ISSN: 0193 - 4120	Feb 2020
29	Mrs. D. Maalini	Extending OVS With Deep Packet Inspection Functionalities	UGC Care Journal	ISSN: 2394-3114	Feb 2020
30	Mr.K.Manivannan	Elegant ATM Guarantee Minutiae Approach and SHA 256	International Journal for Trends in engineering and Technology	ISSN:2349-9303	Apr 2019

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
31	Dr.P.ShanthaKumar	Viewing and Sharing Real time Traffic Information via Vehicular Clouds	International Journal of Research	ISSN:2236-6124	Oct 2018
32	Mr.S.Nelson	Viewing and Sharing Real time Traffic Information via Vehicular Clouds	International Journal of Research	ISSN:2236-6124	Oct 2018
33	Mr.K.Manivannan	Improved K-Means with fuzzy genetic Algorithm for Outlier Detection in Multidimensional Databases	International Journal of Pure and Applied Mathematics	ISSN:1314-3395	Oct 2018
34	Dr.P.Shanthakumar	An Automated Brain Tumor Detection and segmentation methods using MRI images- A review	Journal of Advanced Research in Dynamical and Control Systems	ISSN:1943-023X	Oct 2018

MECHANICAL ENGINEERING:

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
1	Dr.D.Amishraj.	Artificial netural network (ANN) based predictive modeling tribological behavior of poly propylene(PP) composites reinforced with nano zirconia and tungsten di sulphide(WS2).	Advancements in polymeric materials	42/3	2022
2	Dr.T.Kanagaraju	Experimental Analysis on Drilling of Super Duplex Stainless Steel 2507 Using Cryogenic Lco2 And Mql Process	Korean Society of Mechanical Engineering	4/6	2022
3	Dr.K.R.Thangadurai.	A Deep Study on Aluminum Composite Panel :Applications, Merits, and Demerits	International Journal of Mechanical Engineering	6/1	2022

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
4	Dr.T.Kanagaraju	Optimization of Machining Parameters in Wet And Cryogenic Machining Using Topsis Approach	Materials Today Proceedings	7/12	2022
5	Dr.T.Kanagaraju	Effect of LN2 and CO2 Coolants in hard turning of AISI 4340 steel using tungsten carbide tool.	Surface Topography: Metrology and Properties	139/1	2022
6	M.Natesh	Effect of Silicon Segregation in the Argon Arc Welded In coloy 20 Super alloy	Silicon	8/12	2022
7	A. Captan prabakaran	Effect of Post-Processing Technique on the Mechanical, Tribological Behavior and Surface Characteristics of 3d-Printed Acrylonitrile Styrene Acrylate Parts	Surface Reciew and Letters	10/24	2022
8	Dr.J.Selvakumar	Combustion Analysis of Various Speed on Hydrogen (H2) in a Direct Injection Diesel Engine Modified to operate as a Low Heat Rejection (LHR)	YMER	Vol. 21 : Issue 2	(Feb) - 2022
9	Dr.K.R. Thangadurai	A Deep Study on Aluminum Composite Panel: Applications, Merits, and Demerits	International Journal of Mechanical Engineering	Vol. 6 (Special Issue)	Nov.-Dec. 2021

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
10	P. Raju	Glass/Caryota urens hybridized fibre-reinforced nanoclay/SiC toughened epoxy hybrid composite: mechanical, drop load impact, hydrophobicity and fatigue behaviour	Springer (Biomass Conversion and Biorefinery)	March 2021	2021
11	P. Raju	Extraction and Characterization Studies of Cellulose Derived from the Roots of Acalypha Indica L	Taylor & Francis (Journal of Natural Fibers)	Jan 2021	2021
12	P. Raju	Mechanical, wear, and drop load impact behavior of glass/ Caryota urens hybridized fiber-reinforced nanoclay/SiC toughened epoxy multihybrid composite	Wiley (Polymer Composites)	42/3	2020
13	M.Mohamed Abdul Hafeez	Investigations of performance and emission characteristics in diesel engine fueled with Hemp oil methyl ester	Elsevier (Materials Today: Proceedings)	4/6	2020
14	P.Ganeshan	An investigation of mechanical properties of madar fiber reinforced polyester composites for various fiber length and fiber content	IOP Science (Materials Research Express)	6/1	2019
15	P.Ganeshan	Characterization studies on Calotropis procera fibers and their performance as reinforcements in epoxy matrix	Taylor & Francis (Journal of Natural Fibers)	7/12	2019
16	P.Ganeshan	Assessment of natural cellulosic fibers derived	Elsevier (Industrial Crops and Products)	139/1	2019

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
		from Senna auriculata for making light weight industrial biocomposites			
17	P.Ganeshan	Analysis of Thermo chemical behaviour of Calotropis procera parts for their Potentiality	Taylor & Francis (International Journal of Ambient Energy)	42/3	2019
18	G.Vijayanand Dr.M.Mohamed Abdul Hafeez	Emission study on alcohol-biodiesel propelled compression ignition engine	Taylor & Francis (International Journal of Ambient Energy)	42/3	2019
19	Dr.R.Parthasarathi	Performance Analysis of Dee-Biodiesel Blends in Diesel Engine	Taylor & Francis (International Journal of Ambient Energy)	42/6	2019
20	G. Vijayanand	Emission reduction technique on existing diesel engines using renewable fuels	Taylor & Francis (International Journal of Ambient Energy)	42/6	2019
21	Ganeshan, P	Optimization and biodiesel production from Prosopis julifera oil with high free fatty acids	Journal of Applied Fluid Mechanics	11/1	2018
22	Ganeshan P	Mechanical properties of alkali-treated Madar and Gongura fibre-reinforced polymer composites	Taylor & Francis (International Journal of Ambient Energy)	41/8	2018
23	Dr.V.Nirmal Kannan Dr.R.Parthasarathi P.Raju	Design and Numerical Analysis of Distortion Control in Impeller cover plates by using special fixture	International Journal of Pure and Applied Mathematics	119/12	2018
24	Ganeshan P	Calotropis gigantea fibers: A potential reinforcement for polymer matrices	Taylor & Francis (International Journal of Polymer Analysis and Characterization)	22/3	2018

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
25	V.Nirmal Kannan T.S.Kiruba Sankar G.Sathish Pandian	Productivity enhancement using automation of removing refractory lining hydraulic mechanism	Journal of Advanced Research in Dynamical & Control Systems	10/1	2018
26	M.Mohamed Abdul Hafeez	Optimization of machining parameters for burr minimization in CNC turning of materials using genetic algorithm and response surface methodology	Swansea Printing Technology Limited (TAGA JOURNAL)	14/3	2018
27	G.Vijayanand P.Raju	Influence of Ageing Behavior on Hardness of Squeeze Cast Al 7075 - 2.5% Ticp using Response Surface Methodology	Swansea Printing Technology Limited (TAGA JOURNAL)	14/3	2018
28	G.Vijayanand P.Raju	Influence of Ageing Behavior on Hardness of Squeeze Cast Al 7075 - 2.5% TiCp using Response Surface Methodology	Swansea Printing Technology Limited (TAGA JOURNAL)	14/3	2018
29	L.Shriram	An Experimental Study and Analysis of the Mechanical Properties of Titanium Dioxide and egg shell reinforced Aluminum (AL 7075) Composite	High Technology Letters	26/9	2020
30	S.Ramprasad	Mechanical properties of aluminium metal matrix composite (Al+ SiC + Zn)	High Technology Letters	26/9	2020
31	R.Velavan	Experimental Analysis and Optimization of EDM Process Parameters	High Technology Letters	26/9	2020
32	N.Yogaraj	Analysis of Alternatives for Brake Disc Material using various Aluminium	High Technology Letters	26/9	2020

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
		Metal Matrix Composite			
33	N.Yogaraj	Thermal Analysis of Aluminium Composite Piston	High Technology Letters	26/9	2020
34	Dr.G.Satish Pandian Dr.Parthasarathi	Automatic Traffic Controller for Ambulance	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
35	Dr.V Nirmal Kannan	Design and Implementation with Motorizationi IGM Positioner	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
36	S.Ramprasad	Fabrication of Remote Controlled Forklift for Stair Case Climbing	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
37	P.A.Nigal Ashik	Conversion of Ambient Air into water using refrigerant unit	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
38	V.Ragavan	Power Generation in Suspension System by Combination Electromagnet and Rack & Pinion	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
39	K. Arunraj	Analysis of Biodiesel Properties from various oil resources and develop relationships among the properties	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
40	K.Arunraj P.Raju	Characterization of Natural Fibers -Review	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
41	G.Vijay Anand	Thermal Investigation of Al-MoS2, Al-Cu and Al-Graphite Alloys	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
42	P.K.Manikanda Pirapu V.Ragavan R.Parthasarathi	Design and Fabrication of Multipass Solar Air Heater	Suraj Punj Journal For Multidisciplinary Research	9/3	2019

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
	V.Nirmal Kannan				
43	G.R.Gopinath	Thermoelectric Power Generation Using Peltier	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
44	S.Ramprasad	Compatibility Analysis of VRF air conditioning system for Green Buildings	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
45	K.Arunraj	Effect of Cutting fluid in Optimization of the Process parameters by Taguchi technique	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
46	K.Ramachandran	Identification of Fuel Level in Digital Form in Fuel Tank and Distance Calculation in Two Wheelers	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
47	Dr.G.Satish Pandian	Automatic Speed Reduction In Automobiles for Averting Accidents	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
48	P.A.Nigal Ashik	Accident Detection System for Vehicles	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
49	Dr.V Nirmal Kannan	Failure Mode Design of Pinion Inner Cone Bearing in Four Wheeler Crown Assembly	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
50	Dr.G.Satish Pandian	Design and Fabrication of Clamping Device to overhaul wagon air brake cylinder	Suraj Punj Journal For Multidisciplinary Research	9/3	2019

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
51	Dr.V Nirmal Kannan	Productivity Improvement using Segregated Sub Assembly Conveyor System	Suraj Punj Journal For Multidisciplinary Research	9/3	2019
52	R.Balamurugan V.Nirmal Kannan	Design and Numerical Analysis of Innovative Plowing Machine	International Journal of Research	7/x	2018
53	V.Nirmal Kannan	Design of Leak Proof Coupler Valve For Fuel Supply In Engine Test Rig	Journal of Applied Science and Computations (JASC)	5/10	2018
54	S. VinothKumar G. Vijayanand	Microcontroller Based Mini Fire Fight Robot	Journal of Applied Science and Computations (JASC)	5/10	2018
55	Uthayakumar A	Evaluation of eutectic Phase Change materials (PCM's) For building free cooling	Journal of Applied Science and Computations (JASC)	5/10	2018
56	P.K.Manikanda Pirapu	Solar Air Heater Studies in Dryer Applications	International Journal of Research	7/10	2018
57	M.Dhanabal S.Pragash	Effect Of Physco-Chemical Properties of Nanotube Blended In Biofuel	International Journal of Research	7/X	2018
58	V.Ragavan M.Sangeetha V.Nirmal kannan	Process Improvement On Engine Test Bed by using Drive Adaptor Plate Fixture	Journal of Applied Science and Computations (JASC)	5/10	2018
59	N. Kapildev	Lean Production Enhancement using Segregated Sub-Assembly Conveyor System	Journal of Applied Science and Computations (JASC)	5/10	2018
60	K.Ramachandran V.Nirmal kannan	Automation of Manual Work Piece Replacement in CNC Machine using Robot	International Journal of Research	7/X	2018

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
61	P.K.Manikanda pirapu	Performance Evaluation of Solar Air Heater	Journal of Applied Science and Computations (JASC)	5/10	2018
62	T.S Kiruba Shankar V Nirmal Kannan	Design And Fabrication of Windmill by using Mercury and Water	Journal of Applied Science and Computations (JASC)	5/10	2018
63	V Nirmal Kannan M.Mohamed Abdul Hafeez	Design of Innovative Waste Plastics Disposal Machine	International Journal of Research	7/X	2018
64	R.Balamurugan, Nirmal Kannan.V,	Design and Numerical Analysis of Innovative Plowing Machine	International Journal of Research	7/X	2018
65	V.Nirmal kannan G.Satish Pandian	Solar Air Heater Studies in Dryer Applications	International Journal of Research	7/10	2018
66	V.Nirmal kannan	Process improvement on engine test Bed by using drive adaptor plate Fixture	Journal of Applied Science and Computations	5/10	2018
67	V.NirmalKannan P.Raju	Lean Production Enhancement using Segregated Sub-Assembly Conveyor System	Journal of Applied Science and Computations	5/10	2018
68	G.R.Gopinath	Performance Evaluation of Solar Air Heater	Journal of Applied Science and Computations	5/10	2018
69	M.Mohamed Abdul Hafeez ,	Design of Innovative Waste Plastics Disposal Machine	International Journal of Research	7/X	2018
70	B.Arun	A Study on Corrosion Behaviour of Aluminium 6061 Alloy by Friction Stir Welding	International Journal of Research	7/X	2018
71	V.Ragavan M.Sangeetha	Process Improvement On Engine Test Bed by using Drive Adaptor Plate Fixture	Journal of Applied Science and Computations (JASC)	5/10	2018

S. No.	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month-Year
72	M.Mohamed Abdul Hafeez	Experimental Investigation of Machining Parameters for Burr Minimization in CNC Turning Of Brass Using Response Surface Methodology	International Journal of Innovative Research & Studies	8/4	2018
73	T.S Kiruba Shankar	Design and fabrication of stereo braking system	International Journal of Research	7/X	2018

SCIENCE AND HUMANITIES:

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
1.	Prof.Dr.T.R. Prabakaran	Engineering Chemistry Laboratory Manual	V.S.B. Engineering College, Karur, India	ISBN:978-93-84295-93-6	June 2021
2.	Dr.E.Rajasekaran	Mutated Protein's Stability Accordance to Carbon Force of Interaction	British Journal of Medical & Health Sciences	Volume 3, Issue 6	June 2021
3.	Dr.E.Rajasekaran	Study on Aquaporin Proves to be the Carbon in Protein-Protein Interface Playing in Tetramerisation	High Technology Letters	Volume 26 Issue: 05 ISSN NO: 1006-6748	May 2020
4.	Dr.E.Rajasekaran	Carbon role in the form of action of intelligence in the living being	Studia Rosenthaliana (Journal for the study of research)	ISSN NO: 0039-3347 Volume 12, Issue 1	Jan 2020
5.	Dr.E.Rajasekaran	Proteomic atomics reveals a distinctive uracil-5-methyltransferase	Journal of Molecular Informatics	DOI:10.1002/MINF.200 Volume 5, Issue 12	Dec 2019
6.	Dr.E.Rajasekaran	Existence of nano level force in protein plays applications of maximum untold understanding of life form	International Journal of Engineering and Advanced Technology (IJEAT)	DOI: 10.35940/ijeat. B4234.129219 Volume 9, Issue 2	Dec 2019
7.	Dr.E.Rajasekaran	Domain formation in regions of protein probe interaction	International Journal of Molecular Biology: Open Access	eISSN: 2573-2889 Volume 4, Issue 5	Sep 2019

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
8.	Dr.E.Rajasekaran	Review on mathematical models for the prediction of solar radiation	Indonesian Journal of Electrical Engineering and Computer Science	DOI: 10.11591/ijeecs.v15 .il Volume:15 Issue:01	July 2019
9.	Dr.E.Rajasekaran	Existence of carbon domain alters bond orders in protein	International Journal of Innovations in Engineering and Technology (IJEAT)	ISSN: 2319-1058 Volume 13 Issue 3	June2019
10.	Dr. T.R. Prabakaran & Dr.E.Rajasekaran	Drug protein interaction validates the internal cod formed due to cohesive force: test of bond length variation in amino acids involved	International Journal of Molecular Biology: Open Access	eISSN: 2573-2889 Volume 4, Issue 3	June 2019
11.	Dr.E.Rajasekaran	Who power sickle cell disease: carbon domain analysis tells all because of design in protein 3d arbitrary internal carbon domain (cod) arrangements	International Journal of Molecular Biology: Open Access	eISSN: 2573-2889 Volume 4, Issue 3	May 2019
12.	Dr. T.R. Prabakaran & Dr.E.Rajasekaran	Existence of cohesive force explains all phenomena that are in material which holds strong bond of all forces of attraction: a case study with carbon material	AIP Conference Proceedings	DOI: 10.1063/1.5095231	Mar 2019
13.	Dr.E.Rajasekaran	Solar mapping of India using support vector machine	Journal of Physics Conference Series	DOI: 10.1088/1742-6596/1142/1/012010	Jan 2019
14.	Dr. T.R. Prabakaran & Dr.E.Rajasekaran	Nature of amino acid sequence instruct carbon value to be adopted in protein 3D structure	IEEE	DOI: 978-1-7281-0282-5/19	Jan 2019
15.	Dr. T.R. Prabakaran	Kinetics of the reaction of phenacyl bromide with substituted 2-phenylthiazolidines	Indian Journal of Chemistry	Vol 35 A pp.431-433	May 1996

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
16.	Dr. T.R. Prabakaran	Removal of cadmium by adsorption technique	Journal of Nature Conservations	ISSN 1617-1381 Volume: 07 Issue: 1 pp. 17-23	June 1995
17.	Dr. T.R. Prabakaran	Kinetics of oxidation of substituted 2-phenylthiazolidines by pyridinium chlorochromate	Indian Journal of Chemistry	Vol 32 A pp.877-880	Oct 1993
18.	Dr. T.R. Prabakaran	A comparative study of adsorption of chromium(VI) and copper (II) ions from synthetic effluents by lignite	Journal of Nature Conservations	ISSN 1617-1381 Volume: 04 Issue: 2 pp. 91-104	June 1992
19.	Dr.C.Maharajan	Existence, Uniqueness, and Exponential Stability of Uncertain Delayed Neural Networks with Inertial Term: Non reduced Order Case	Mathematical Problems in Engineering	https://doi.org/10.1155/2021/5560763 Volume 2021, Article ID 5560763, 15 pages	May-2021
20.	Dr.S.Mahesh	Viscothermo elastic waves in a gravitated piezoelectric multilayered LEMV/CFRP cylinder coated with thin film	Technische Mechanik-European Journal of Engineering Mechanics	doi:10.24352/UB.OVGU-2021-003 Vol. 41, Is. 1, (2021), 14–23	June-2021
21.	Dr.S.Mahesh	Modeling and Assessment of Rotation and Gravity in a Piezoelectric Viscothermo elastic Multilayered Composite LEMV / CFRP Cylinder	Mathematical Modelling of Engineering Problems	https://doi.org/10.18280/mmep.080414 Volume 8, Issue 4, 2020, Page No:611 - 616	June-2021
22.	Dr. S. Chinnasami	Investigation of the structural, Hirshfeld surface, Z-scan, and molecular modelling of imidazolium fumarate for third harmonic generation applications	Journal of Molecular Structure/Elsevier	1271	January 2023
23.	Dr. S. Chinnasami	Direction dependent crystalline perfection, Z-scan studies and fabrication of Type-I and Type-II SHG elements using imidazolium L-tartrate crystals for optical modulator applications	Journal of Physics and Chemistry of Solids/Elsevier	-	Accepted for Publication

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
24.	Dr. S. Chinnasami	Study of the Crystalline Perfection, Homogeneity, Chemical Etching on the Surface, and Third-Order Nonlinear Optical Properties of (110) Oriented Hydroxyethylammonium D-Tartrate Monohydrate Single Crystal and Hirshfeld Surface Analysis	Crystal Research and Technology/ Wiley Online Library	-	October 2022
25.	Dr. S. Chinnasami	Growth, optical and thermal properties of triphenylamine single crystal grown by modified Vertical Bridgman method for optical application	Solid State Sciences/Elsevier	132	October 2022
26.	Dr. S. Chinnasami	Crystal growth, vibrational assignments, Z-scan studies and quantum chemical investigation on 2-methylimidazolium hydrogen d-tartrate (2MIMDT) single crystal: a promising candidate for NLO applications	Journal of Materials Science: Materials in Electronics/Springer	33/29	October 2022
27.	Dr. S. Chinnasami	Bulk Growth of <0 0 1> Imidazolium L-tartrate Crystal by the Sankaranarayanan–Ramasamy Method for Optical Limiting Applications	International Conference on Crystal Growth and Spectroscopy	Dept. of Physics, St. Joseph College, Trichy	August 2022
28.	Dr. S. Chinnasami	Crystal Growth, Spectroscopic, Hirshfeld Surface Analysis, Z-scan and DFT Investigations on 2-Ethylimidazolium D-Tartrate Single Crystal	International Conference on Functional materials and Nanotechnology	Dept. of Physics,Nehru Institute of Technology	July 2022

S. No	Name of the Faculty	Title	Name of the Journal/Conference /Event /Publisher	Volume/ Issue/Journals/ Conference	Month – Year
29.	Dr. S. Chinnasami	Investigation on the crystal growth, physicochemical, quantum chemical, and third harmonic generation properties of diisopropylammonium hydrogen phthalate single crystal	Journal of Materials Science: Materials in Electronics/Springer	33/21	July 2022
30.	Dr. A. Jegathesan	Characterization of Organic Compound Doped Inorganic Ammonium Phosphate: Crystal Formation and Opto-Electrical Properties	Journal of Physics: Conference Series	2070	November 2021
31.	Dr.B. Ramachandran	Influence of Ca doping on X-ray photoelectron core-level spectra of magnetoelectric bulk $BiFeO_3$	Surface and Interface Analytics/Wiley Online Library	53/9	September 2021
32.	Dr.B. Ramachandran	Photochromic response of the PLD-grown nanostructured MoO_3 thin films	Applied Surface Science/Elsevier	553	July 2021
33.	Dr.I. Manohara Babu	Extra-Durable Hybrid Supercapacitor Based on Cobalt Sulfide and Carbon (MWCNT) Matrix Electrodes	Journal of Energy Storage/Elsevier	34	February 2021
34.	Dr.D.Arockia Jency	SERS nanosensors for organic compounds contaminated soils	Nanomaterials for Soil Remediation/Elsevier	-	2021
35.	Dr.D.Arockia Jency	Enhanced bioactivity of Fe_3O_4-Au nanocomposites – A comparative antibacterial study	Materials Letters/Elsevier	258	January 2020
36.	Dr. P. Ganeshbabu	Nature of Amino Acid Sequence Instruct Carbon Value to be Adopted in Protein 3D Structure	Instrumentation and Control Technologies/IEEE	-	July 2019