

K.S.R. COLLEGE OF ENGINEERING (Autonomous)
TIRUCHENGODE - 637 215
JOURNAL PUBLICATION - ACADEMIC YEAR 2023-2024

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
Automobile Engineering									
1	P. Marisami ,R. Venkatachalam	Design and experimental validation of a high performance polycentric prosthetic knee joint for transfemoral amputees in developing countries	Journal of the Brazilian Society of Mechanical Sciences and Engineering	SCI	Q2	Vol.45 No.146	https://doi.org/10.1007/s40430-023-04072-6	PP-1-16	2023 Feb
DEPARTMENT OF CIVIL ENGINEERING									
1	S.Saravanaganesh, K.Dhileepan, T.Manickavel	Experimental Study on Metakaolin and Rice Hush Ash Based Geopolymer Concrete	International Journal of Innovative Research in Engineering	-	-	Vol4, Issue 3	-	pp: 326-328.	June 2023
2	S.Dineshkumar, P.Madhankumar, M.Sethuraman	Experimental Study on Effect of Partial Replacement of Waste Aggregate by Over Burnt Brick in Concrete	International Journal of Innovative Research in Engineering	-	-	Vol 4, Issue 2	-	pp: 586-590.	April 2023
3	Dr P.Prasanthni, R.Nallenthiran, S.Prabhakaran	Experimental Study on Partial Replacement of Cement by Fly Ash with Addition of PVA Fiber in Concrete	International Journal of Advances in Engineering and Management	-	-	Vol 5, Issue 4	-	pp: 1259-1263	April 2023
4	M.Gunasekaran K.Nirmalkumar M. P. Iniya	Experimental Utilisation of The Industrial Waste and Neyveli Ball Clay in the Portland Cement	Journal of Environmental Protection and Ecology	Scopus / UGC Care	Q4	Vol 24, issue 2	-	PP 485-493	2023
5	M. Gunasekaran M. P. Indhu, K. Nirmalkumar M. P. Iniya	An Experimental Study on the Translucent Concrete Incorporating Optical Fibres	Journal of Environmental Protection and Ecology	Scopus/ UGC Care	Q4	Vol 24, issue 2	-	pp516-525	2023
6	T. Ravishankar, V. Revathi	Performance of High-Strength Concrete with Partial Replacement of Magnesium Phosphate Cement	Journal of Environmental Protection and Ecology	Scopus/ UGC Care	Q4	Vol 24, Issue 3	-	pp 838 - 847	2023
7	M. Logesh Kumar, V. Revathi	Durability studies in alkaline activated systems (metakaolin - bottom ash): A prospective study	Boletín de la Sociedad Española de Cerámica y Vidrio	Scopus/ UGC Care	Q2	Vol 62, Issue 1,	-		Feb 2023
8	M.Arhibu Nithi, P.Hema, V. Revathi	Review on GGBS - RHA Based Geopolymer Concrete	Gradiva Review Journal	-	-	vol.9, No.5	-	pp.1641-1644	2023
9	Sathiyaruba, P.Hema, V. Revathi	Durability of Geopolymer Concrete Made with GGBS And RHA - A Review',	Gradiva Review Journal	-	-	vol.9 No.5	-	pp. 1645-1648	2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
10	S.B Dhinakaran S.Elango	A Study of Quality Control Management in Construction Industry	International Journal of Novel Research and Development	-	-	Vol 8, Issue 5	-	pp650-704	May 2023
11	P.Sudha J.Radhakrishnan	Field investigation on ergonomics risk aspects of labour in construction site	International Journal of Novel Research and Development	-	-	Volume 8, Issue 6	-	Pp 280-295	Jun-23
12	S.Eraibalan R.Babu	Economical Cost Control and Duration Analysis in Repair and Rehabilitation of Building	International Journal of Novel Research and Development	-	-	Volume 8, Issue 4	-	pp G36-G48	April 2023
13	K.Selvakumar, G.Sowmiya	Experimental investigation on partial replacement of fine aggregate by halite in high performance concrete	International Journal of Novel Research and Development	-	-	Volume 8, Issue 4	-	pp G708-G714	April 2023
14	B. Suresh T. Vijayashankar	Review of Substitute Materials for Green Concrete	International Research Journal of Modernization in Engineering Technology and Science	-	-	Vol 05 Issue:03	-	pp 288-292	March 2023
15	T.Santhosh Kumar T.Vijayashankar V.Revathi	Experimental Study of High Strength Geopolymer Concrete with Alumina-Silica Materials	Gradiva Review Journal	-	-	Vol9 Issue 5	-	pp 1908-1913	May 2023
16	L.Dheiveegam A.Rajivkannan T.Vijayashankar	Improving Banking Information Security with Modular Encryption Standards in Cloud Computing	Gradiva Review Journal	-	-	Vol 9 Issue 6	-	pp 155-169	May 2023
17	R.Mukesh S.Saravana Ganaesh	Experimental Study on Geopolymer Concrete Using Admixtures of Fly Ash and GGBS	Gradiva Review Journal	-	-	Vol 9 Issue 6	-	pp 507-511	May 2023
18	Mujeebur Rahman D P Prasanthni	Analyze and Investigate on Behaviour of RC Beams Using a Rebar Coupler	Gradiva Review Journal	-	-	Vol 9 Issue 6	-	pp 306-311	May 2023
19	K. Selva kumar A.Thasmeena N. R. Rahul	Assessment of Substantial's solidarity parts with incomplete Fine Totals found in Copper Slag	International Journal of Advances in Engineering and Management	-	-	Vol 5, Issue 4	-	pp1434-1444	April 2023
20	R.Sathiyaraj S.Elango	Experimental Investigation on Transparency of Concrete Using Optical Fibre,	Gradiva Review Journal	-	-	Vol 9 Issue 6	-	pp 887-893	May 2023
21	N.Yogiraja R.Babu S.Senthilkumar	Development of Innovative System to Aid The Construction Industry	International Journal of Novel Research and Development	-	-	Volume 8, Issue 4	-	Pp F279-283	April 2023
22	P.Sunil Jerome A.Thomas Eucharist	Experimental Study on latex modified Basalt Fiber Concrete	Gradiva Review Journal	-	-	Vol 9 issue 6 2	-	pp708-712	June 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
23	T.Vijayashankar, V.Naveen, S.Vineeth	An Experimental Study on Geo polymer Concrete with Steel Slag as fine Aggregate	International Journal of Advances in Engineering and Management (IJAEM)	-	-	Volume 5, Issue 4	-	pp: 1325-1330	Apr-23
24	S. Senthilkumar K. Sargunan, S. Elango	Assessment of Strength of Concrete containing ESP and IESP as Partial Cement Replacement	Journal of Environmental Nanotechnology	-	-	ol. 12 Issue 3	-	pp. 01-09	Sep 2023
25	A Alex Rajesh, S Senthilkumar, K Sargunan , G N Gobinath	Interpolation and extrapolation of flexural strength of rubber crumbs and coal ash with graphene oxide concrete	Revista Materia	Scopus		Vol .28, No .4			2023
26	R. Priyanka V Revathi R Selvaraj	Optimizing electrokinetic treatments for enhanced mortar durability: ionic migration and microstructural analysis	Revista Materia	Scopus	Q4	Vol .28, No .4			2023
27	K Thirupathi Rao Syed Omar Ballari N Muralimohan, G Dineshkumar, M Anil, Syed Rivaz	Evaluation Of Groundwater Quality For Sustainable Drinking And Irrigation	Material Science And Technology	Scopus	Q4	Vol.22 No.10			Oct 2023
28	S. Mohan N. Muralimohan, K. Vidhyaa	Contamination of Groundwater Assessment in Hard Rock Aquifer by using Geographic Information System (Drastic Model) in the Thirumanimuthar Sub-basin, South India	Doklady Earth Sciences,	Scopus	Q4		DOI: 10.1134/S1028334X23601700		accepted Sep29, 2023
29	A Alex Rajesh , S Senthilkumar , S Samson	Optimal proportional combinations of rubber crumbs and steel slag for enhanced concrete split tensile strength	REVISTA MATERIA	Scopus	Q2		DOI: https://doi.org/10.1590/1517-7076-RMAT-2023-0206		Accepted on 14/09/2023
30	P. Prasanthni B. Priya G. Dineshkumar, G.N. Gobinath	Mechanical properties of coal ash concrete in the presence of graphene oxide	International Journal of Coal Preparation and Utilization (Taylor & Francis Group)	Scopus	Q4		https://doi.org/10.1080/19392699.2023.2284991		Accepted 13 November 2023
31	D. A. Shahira Banu S. Sheela N. Muralimohan , N. Saranya , Amzad Basha Kolar V. Sri Santhya	Importance and Benefits of Green Audits to Education Institutions and Industrial Sectors	International Journal of Environment and Climate Change	-	Q3	Vol 13, No 12		Pp 349-35	2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
32	M. Porkodi, P. Prasanthni S. R. Gibin, D. S. Vijayan S. Gunasekar, V. Navin Ganesh	Improvement of Corrosion Resistance of Concrete Element by Using Nanotechnology	AIP Conference Proceedings	-	Scopus	AIP Conf. Proc. 2690,	https://doi.org/10.1063/5.0120073	020004-1-020004-6;	March 2023
33	Muralimohan N Santhosh Kumaar K Sudha P, Neetha Delphin Mary K, Dineshkumar G	Qualitative Study of Surface and Ground Water in and Around Komarapalayam Region	Recent Advances in Sciences, Engineering, Information Technology & Management	-	Scopus/UGC Care	AIP Conf. Proc. 2782		020169-1-020169-6;	June 2023
34	Dineshkumar G Prasanthni P Muralimohan N Sudha P; Santhosh Kumaar K	Investigation on hybrid fiber reinforced concrete beam with basalt and polyester fiber	Recent Advances in Sciences, Engineering, Information Technology & Management	-	Scopus/UGC Care	AIP Conf. Proc. 2782,		020171-1-020171-10;	June 2023
35	Santhosh Kumar Muralimohan N; Sujith Kumar Gunasekaran S Sanjay K	Assessing ground water quality index using GIS	Recent Advances in Sciences, Engineering, Information Technology & Management	-	Scopus/UGC Care	AIP Conf. Proc. 2782,		020170-1-020170-7;	June 2023
36	Sudha P Muralimohan N, Santhosh Kumaar K Dineshkumar G Prasanthni P	Strength attributes of clay and coconut shell as a partial substitute for cement and coarse aggregate in concrete	Recent Advances in Sciences, Engineering, Information Technology & Management	-	Scopus/UGC Care	AIP Conf. Proc. 2782,		020172-1-020172-8;	June 2023
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING									
1	E. Baby Anitha Tenaw Tilahun Asmamaw M. Javed Idrisi	The Predictions of Noncollinear Equilibria Positions in ER3BP with Yukawa-Like Corrections	Advances in Astronomy	SCOPUS	Q3	2023	10.1155/2023/7118712	1-6	25 July 2023
2	Dr. A. Rajivkannan & S.Savitha	A novel technique based on mutual information weighted feature selection to predict chronic kidney disease	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	SCOPUS	Q2	45	10.3233/JIFS-22240	491-504	2 July 2023
3	Shanmugavalli V, Suresh kumar S, Nithya Kalyani	A Hybrid Machine Learning Technique for Multiple Soft Biometric Based Dynamic Keystroke Recognition System	Neural Processing Letters	SCOPUS	Q2	55/8	10.1007/s11063-023-1	10845-10871	Dec 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
4	D. Rajalakshmi, M.A. Berlin, J. Deepika, R. Arulkumar, M.A. Starlin	HealthBlock: A Blockchain-IoT Fusion for Secure Healthcare Data Exchange	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	Q4	11/9	10.1016/j.comnet.2021.108500	2018-2023	Nov 2023
5	M. N. Kavitha and A. RajivKannan	Hybrid Neural Network and Long Short-Term Memory Approach for Facial Expression Recognition	Intelligent Automation & Soft Computing	SCI	Q3	35/1	10.32604/iasc.2023.025437	689-704	Jan -2023
6	Mr.Thangarasan T ,Dr.Ramasamy S,Ms.Keerthana R,Mr.Periyasamy P N	Analyzing and Detecting the Boundary in Medical Images and Utilizing Big Data	International journal of All Research Education and Scientific Methods	Web of Science		11/3		989-992	March 2023
7	Dr. S. Vadivel, Mr. R. Bharath Kishore, Mr. K. Ganesan, Ms. S. Keerthana	IMAGE ENHANCEMENT BY MATRIX BASED COMPUTATION ANALYSIS USING GAUSSIAN MIXTURE MODEL	JOURNAL OF XI'AN UNIVERSITY OF ARCHITECTURE & TECHNOLOGY	Scopus		15/2		72-91	Feb 2023
8	Dr. S. Vadivel, Mr. R. Praveenth, Mr. J. Samuvel, Mr. N. Siragirivelan	AN IMAGE CONTRAST ENHANCEMENT BY USING TWO-DIMENSIONAL DISCRETE WAVELET TRANSFORM	JOURNAL OF XI'AN UNIVERSITY OF ARCHITECTURE & TECHNOLOGY	Scopus		15/2	10.37896/JXAT15	121-129	Feb 2023
9	E BABY ANITHA,S SIVAPRAKASH,S VELMURUGAN S,S SARANYA	Hybrid artificial bee colony based neural network and dynamic threshold technique for predicting moving vehicle location and co-located objects	Indian Academy of Sciences : Sādhana	scopus and SCI	Q2	48/68	10.1007/s12046-023-02128-w.	2-9	17 th April 2023
10	A Syed Musthafa, R.Ramya, Fathima, T.Vadivel, Arulkumar R	Modern Artificial Intelligence Approach With Its Role On Challenges In Human Resource Management And Employee Engagement Based Applications For Organizational Commitment And Development	Journal of data aqusion Processing JCST	Scopus		38/3	10.14704/NQ.2022.20.15	856-870	May 2023
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING									
1	N Kanagaraj, Obaid Martha Aldosary, M Ramasamy, M Vijayakumar	Enhanced Perturb and Observe Control Algorithm for a Standalone Domestic Renewable Energy System	Intelligent Automation & Soft Computing	SCI	Q3	vol 37, no. 2	https://doi.org/10.32604/iasc.2023.039101	PP. 2291-2306	July & 2023
2	N. Kanagaraj, M. Vijayakumar, M. Ramasamy and O. Aldosari,	Energy Management and Power Quality Improvement of Hybrid Renewable Energy Generation System Using Coordinated Control Scheme	IEEE Access	SCI	Q1	vol.11	doi: 10.1109/ACCESS.2023.3299035.	PP. 93254-93267	July & 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
3	Murugesan Manivel, Lakshmi Kaliappan	Design and implementation of modified Multilevel inverter fed BLDC motor For electric vehicle application	Comptes rendus de l'Acad'emie bulgare des Sciences	SCI	Q3	vol.76, no 10	https://doi.org/10.7546/C.RABS.2023.10.10	pp.1562-1571	November & 2023
4	G Hari Krishnan, B V Sai Thrinath, G. Karthikeyan, V. Ravi, and E. Parimalasundar	Switched Capacitor-Based Bidirectional Power Converter with Enhanced Voltage Boost and Reduced Switching Strain for Electric Vehicle Applications	International Journal of Electrical and Electronics Research	SCOPUS	Q4	Vol. 11, No.4	DOI: https://doi.org/10.37391/ijeer.110404	pp. 904-908	November 2023
5	N., Kanagaraj, Ramasamy M., Vijayakumar M., and Obaid Aldosari	Experimentation of Multi-Input Single-Output Z-Source Isolated DC-DC Converter-Fed Grid-Connected Inverter with Sliding Mode Controller	Sustainability	SCI	Q1	vol.15, no. 24	https://doi.org/10.3390/su152416875	pp. 16875	December 2023
6	V. V. Rajasegharan, P. Veena, S. Ramesh & G. Karthikeyan	Virtual Power Plant for Optimizing Power Flow in Large Scale Distributed Networks	Electric Power Components and Systems	SCI	Q3	-	DOI: 10.1080/15325008.2023.2281627	pp. 1-21	December 2023
7	S. Senthilkumar, . SamuthiraPandi, T. Sripriya and N. Pragadish	Design of recustomize finite impulse response filter using truncation based scalable rounding approximate multiplier and error reduced carry prediction approximate adder for image processing application	Concurrency and Computation: Practice and Experience	SCI	Q2	vol.17, no. 2	https://doi.org/10.3390/e17020534	pp. 534	January 2023
8	Karthikeyan S. & Lakshmi K	FPGA Based Integrated Control of Brushless DC Motor for Renewable Energy Storage System	Cybernetics and Systems	SCI	Q2	Vol.55, no.4	https://doi.org/10.1080/01969722.2023.2177799	pp.918-939	FEBRUARY 2023
9	Manivel, M., & K. Lakshmi	Analysis and Implementation of Switched Capacitor-based Multi-Level Inverter for Electric Vehicles Applications	ElektronikaIrElektrotehnika	SCI	Q3	Vol.29, no.1	DOI:10.5755/j02.eie.33053	pp.21-32	FEBRUARY 2023
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING									
1	Dr.P.S.Periasamy V. Jamuna C. Muniraj	Fault Detection for Photovoltaic Panels in Solar Power Plants by Using Linear Iterative Fault Diagnosis (LIFD) Technique Based on Thermal Imaging System	Journal of Electrical Engineering & Technology Published	SCI Scopus	Q2	18	10.1007/s42835-023-01381-7	3091	2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
2	Dr.P.S.Periasamy P. Gomathi C. Muniraj	Digital infrared thermal imaging system based breast cancer diagnosis using 4D U-Net segmentation	Biomedical Signal Processing and Control	SCI Scopus	Q1	85	10.1016/j.bspc.2023.104792	1	2023
3	Dr.S.Karthikeyan R.K Negesh	Optimized PI Controller Based Reboost Luo Converter for Micro Grid Application	Intelligent Automation & Soft Computing	SCI Scopus	-	36/1	10.32604/iasc.2023.027764	1151	2023
4	Dr.S Karthikeyan, R.K Negesh, Tharwin Kumar, M.Sivasubramanian	Implementation of PV-wind based microgrid system using whale optimization algorithm	SSRG International Journal of Electrical and Electronics Engineering	SCI Scopus	Q4	10/4	doi.org/10.14445/23488379/IJEEE-V10I4P102	12	2023
5	Dr.C.Gowri Shankar C.Arunprasath	Adaptive Sub-Threshold Voltage Level Control for Voltage Deviate-Domino Circuits	Intelligent Automation & Soft Computing	SCI Scopus	Q3	35/2	10.32604/iasc.2023.028758	1767	2023
6	Dr. S. Karthikeyan V.Sujatha K.P.Ramaprapha V.Nirmalkumar	An Advancement of Humans Activities Detection Based on Wireless Sensors and Machine Learning	Advanced Engineering Science	Scopus	Q3	54/2	-	5855	2022
7	Dr. S. Karthikeyan C.Kiran T.Kiranraj E.Rathi Devi N.Subha	EB Energy Meter Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	-	-	22	ISSN:2319-6319	1173	2023
8	Dr.S.Karthikeyan T.Aswath A.Dhanush K.B.Ruthuresh M.Sabari	Human Life Safety System with Electrical Information using GSM & GPS	International Journal of New Innovations in Engineering and Technology	-	-	22/ 1	ISSN: 2319-6319	849	2023
9	Dr.R.Eswaramoorthi K.Ilavarasan S.Arunkumar T.Monoj R.Prapakaran	Land Slide Monitoring System Using IOT	International Journal of New Innovations in Engineering and Technology	-	-	22/1	ISSN:2319-6319	818	2023
10	Mr.P.Sivasankar Rajamani C.P.Jeevanandham G.Santhiya M.Sowmyashri R.Swathi	Driver drowsiness detection and control system using embedded system	International Journal of New Innovations in Engineering and Technology	-	-	22/1	ISSN:2319-6319	818	2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
11	Dr.T.M.Sathishkumar R.Magibalan A.Mohanprasath T.Ragul S.Selva Praveen	Areal Time Bus Monitoring System using Mobile Location	International Journal of New Innovations in Engineering and Technology	-	-	22/1	ISSN: 2319-6319	624	2023
12	Dr.T.M.Sathishkumar P.Sujitha	Huffman coding algorithm based adaptive noise cancellation	International research journal of engineering and technology	-		10/6	ISSN:2395-0072	252	2023
13	Mrs.P. Thilagavathi D.Kishore S.Lingesh M.Naveena	Automatic bus arrival announcement system using RF transmitter and receiver	International Journal of New Innovations in Engineering and Technology	-	-	22/1	ISSN: 2319-6319	624	2023
14	Dr.R.Satheeskumar S.Jagadeep A.Shalini M.Sree Ganesh R.Yogesh	Night Vision Security Patrolling Robot with Sound Sensing	International Journal of New Innovations in Engineering and Technology	-	-	22/1	ISSN: 2319-6319	885	2023
15	Dr.P.Mahendran M.S.Kavitha R.Radhika C.Kotteswaran	Design of All Pass Make over based Capricious Digital Filter using Eminent Speed Dual Carry Select Adder and Truncation and Rounding Approximate Multiplier for Image Processing Application	Concurrency and computation practice and experience	SCI Scopus	Q2	35/6	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7575	8	2023
16	Dr.P.Mahendran T.Aravindhnan S.Diwarhar S.Sharan Y.Sneha	Automatic Electrical Appliance Fault Detection System with Remote Monitoring Through IoT	International Journal of New Innovations in Engineering and Technology	-	-	22/1		860	2023
17	Mr.R. Veeramani Mr.J.Rameshkumar S.Gowrimanohari M.Jayaprakash D.Monisha M.Tamillarsau	Design of Broadband Microstrip Patch Antenna for 5G Applications	International Journal of Current Engineering and Scientific Research	-	-	10	ISSN:2393-8374	74	2023
18	Mr.K.Karuppanasamy K.Ashokkumar S.Dinesh S.Mohan R.Perumal	Railway Track Defect Monitoring Based on IoT	International Journal of New Innovations in Engineering and Technology	-	-	22	ISSN:2319-6319	553	2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
19	Dr.R.Poornima B.R.Tapas Bapu S. Sivakumar R. Subhashini	Evolutionary gravitationalneocognitron neural network based differential spatial modulation scheme for uplink multiple user huge MIMO systems	Knowledge based systems	SCI Scopus	Q1	258/1	doi.org/10.1016/j.knosys.2022.109993	1	2022
20	Mr.M.Jothimani T.Dineshkumar B.Sethu G.Vinothni V.Tirumurugan	Water Quality Monitoring System Based on IOT	International Journal of New Innovations in Engineering and Technology	-	-	22/ 1	ISSN:2319-6319	768	2023
21	Dr.K.P.Uvarajan M.Kavin M.Sakthisree G.Vinoth S.Tamilshri	Automated intimation to ambulance for emergency medical service and traffic clearance using IOT	International Journal of New Innovations in Engineering and Technology	-	-	22 / 1	ISSN:2319-6319	768	2023
22	Mrs.P.Usha E.Subashni S.Pardeepa K.Karthikadevi	Student Management System and SGPA,CGPA Calculator	International Journal of New Innovation in Engineering and Technology	-	-	22 /1	ISSN:2316-6319	760	2023
23	Mrs.D.Gowthami J.Indhumathi M.Kalidas S.Kavinmuthu V.Priyadharshni	Navigation System for Visually Impaired People by Using Raspberry Pi	International Journal of New Innovation in Engineering and Technology	-	-	22 /1	ISSN:2316-6319	826	2023
24	Mr.S.Krishnakumar S.D.Logesh S.M.Thilakbalaji J.Kamaraj N.Sree Harish	IoT based Smart Greenhouse Framework and Control Strategies for Sustainable Agriculture	International Journal of New Innovations in Engineering and Technology	-	-	22 /1	ISSN:2319-6319	806	2023
DEPARTMENT OF MECHANICAL ENGINEERING									
1	K. NaveenRaj C.Senthilkumar	Safety Management On Nuclear Power Plant	International Journal Of Creative Research Thoughts (IJCRT)	Google scholar UGC care Group-I	--	ISSN:2320-2882, 11,	--	p.no-254-260	May-23
2	Kowshikan S Loganathan D Mahendra Kumar R Maheshkumar M Mr.K.Venkateshwaran	Design and Profile Improvement Of Two Wheeler Cooling Fins	Dogo Rangsang ResearchJ urnal	UGC care Group-I	--	Vol 13, Issue-4,		p.no:426-433	Apr 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
3	Dr.P.Dhiravidamani J.Jagadesh R.Mohanaraja S.Nanthakumar R.Nikil	3 Degree of freedom Robotic arm for Material handling process	Dogo Rangsang Research Journal	UGC care Group-I	--	Vol-23,issue-4,		p.no-389-399	Apr-23
4	Dr.P.Dhiravidamani G.Gokul	Air Quality monitoring in the Manufacturing plant	Journal of Emerging technologies and innovative research	Google scholar UGC care Group-I	--	Volume10, issue_ 4.		p.no-24-31	Apr-23
5	G.Mugil J.Venkatesh	Issue of compliance with personal protective equipment among water Wastage workers	Journal of emerging Technologies and Innovative research	Google scholar UGC care Group-I	--	IssueNo:4, VolumeNo:10		p.no:660-666	Apr-23
6	Dhayanithi R Dinesh P Dineshkumar M Elavarasan A Rasagopal P	Fabrication of Automatic Brake failure indicator and Engine cut off	Dogo Rangdang Research journal	UGC care Group-I	--	Issue4,Vol13, Pageno450-454		Page no 450- 454	Apr-23
7	Dhakshinamoorthy woopu murali, S.P.Sankar	Line of Fire Risk (Invisible Risk) Reduction	Journal of Emerging Technologies and Innovative Research	Google scholar UGC care Group-I		Issue 3 Vol.10,		page no.615-623	Mar-23
8	Manivel S Bhuvaneshwaran.M	Characterization of New Natural Fiber from the Stem of Tithonia Diversifolia Plant	Journal of Natural Fibers	SCI	Q1	Volume20, Issue 1, 2167144		p.no:1-12	Feb 2023
9	Dr.P.Dhiravidamani K.Venkateshwaran P. Rajendran P. Saravanan	Investigation and impact on air pollution on human health issue in urban area	International Journal of Engineering Science and Computing	UGC care Group-I	--	Volume13, IssuesNo.2		p.no:29981-29984	Feb 2023
10	Manivel S Prabesh C Bhuvaneshwaran M	Characterization Studies on New Natural Cellulosic Fiber Extracted from the Stem of Ageratina Adenophora Plant	Journal of Natural Fibers	SCI	Q1	Volume20, Issue 1, 2156019		p.no:1-12	Dec 2022
11	Saravanan N Sampath P S SathishKumar P Bhuvaneshwaran M	Impact of alkali treatment and fiber length on mechanical properties of new agro waste Lagenaria Siceraria fiber reinforced epoxy composites	Journal of Natural Fibers	SCI	Q!	Volume19, Issue 13,		Pages 6853 - 6864	Dec 2022

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
12	K.Chandrasekaran P.Shanmugam P.Senthilkumar	Mechanical and thermal properties of cotton-bamboo fabric/glass fiber epoxy composites	Polimery	SCI	Q4	Vol67, No.11-12(2022)	--	--	Nov 2022
13	S Vinothkumar, P Senthilkumar	Experimental investigation and parametric optimization of stir casting process parameters for aluminium metal matrix composite	Journal of Ceramic Processing Research	SCI	Q4	Volume23, Issue 4,		Pages 546-552	Aug 2022
DEPARTMENT OF INFORMATION TECHNOLOGY									
1	S.Suganya	Face Recognition Using LSTM in Image Processing	International Journal of Advances in Engineering and Emerging Technology (IJAEET)			Vol. 14, No. 1/2321-452X		124-129	April 2023
2	S.Suganya	Fake News Detection using Naive Bayes Algorithm in Machine Learning	International Journal of Advances in Engineering and Emerging Technology (IJAEET)			Vol. 14, No. 1/2321-452X		84-93	April 2023
3	S.Suganya	Blood Donor App	International Journal of Advances in engineering and Engineering Technology			Volume 14, Issue 1 / 2321-452X		217-221	May 2023
4	S.Suganya	Detection and Classification of Rice Leaf Diseases Using Image Processing	International Journal of Advances in Engineering and Emerging Technology (IJAEET)			Vol. 14, No. 1/2321-452X		208-216	May 2023
5	T Saran Sujai	Twitter Sentimental Analysis with Rumour Elimination and Review Classification	International Journal of Advances in Engineering and Emerging Technology (IJAEET)			Vol. 14, No. 1/2321-452X			May 2023
6	Dr.T.Kavitha	Powerful combination of FeWO ₄ /g-C ₃ N ₄ heterostructures for solar light driven photocatalytic degradation of tetracycline and its antibacterial activity	Materials Today Sustainability		Q1	Volume No 24 & Issue No 100562		PP 1-13	Oct 2023

S.No.	Name of the Author(s)	Title of the paper	Name of the Journal	SCI/Scopus	Q1,Q2, Q3,Q4	Volume/ Issue No	DOIs	Page No.	Month & Year of Publication
7	Dr.S.R.Menaka	A novel WGF-LN based edge driven intelligence for wearable devices in human activity recognition	Scientific Reports						Oct 2023
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS (MCA)									
1	Dr. P.Anitha, Yoganathan, A., Periasamy, P.S. Saravanan, N	Joint power allocation and channel assignment for device-to-device communication using the Hungarian model and enhanced hybrid Red Fox-Harris Hawks Optimization	International Journal of Communication Systems	SCopus	-	-	10.1002/dac.5425	-	2023
2	Dr.P.Anitha Kaarthick.B	Retraction Note to: Oppositional based Laplacian grey wolf optimization algorithm with SVM for data mining in intrusion detection system	Journal of Ambient Intelligence and Humanized ComputingOpen source preview	Scopus	-	-	10.1007/s12652-022-04086-3	-	2023
3	Dr.P.Anitha Durga Devi T.J.B. Subramani, A Saravanan, N.	Retraction Note to: Modified adaptive fuzzy inference system based load balancing for virtual machine with security in cloud computing ironment	Journal of Ambient Intelligence and Humanized Computing	Scopus	-	-	10.1007/s12652-020-01728-2	-	2023
DEPARTMENT OF MANAGEMENT STUDIES (MBA)									
1	Dr. N. S. Santhi	A Study on ESI Benefits with Special Reference to the Rajam Herbal Technology at Salem	Pranev Journal of Multidisciplinary	NA	NA	Vol. 2, Issue 3	NA	1-12	July & 2023
2	Dr. N. S. Santhi	A Study on Customer Retention Towards the Sree Gokul Tiles Private Limited, Salem	Pranev Journal of Multidisciplinary	NA	NA	Vol. 2, Issue 3	NA	37-46	July & 2023
3	Dr. N. S. Santhi	Building a High-Performance Culture with Special Reference to Niya Technologies, Coimbatore	Pranev Journal of Multidisciplinary	NA	NA	Vol. 2, Issue 3	NA	19-28	July & 2023


DIRECTOR - RESEARCH