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257/1, Bangalore – Chennai High Way, Melvisharam, Ranipet – 632 509

LIST OF JOURNAL PUBLICATIONS [2018 TO 2025]

S.No	Title of the Paper	Name of the author	Department of Teacher	Name of Journal	Year of Publication	ISSN Number
1	Optimized DBN-based control scheme for power quality enhancement in a microgrid cluster connected with renewable energy system	Dr. S. Narendiran	Electrical and Electronics Engineering	IET - Renewable Power Generation	2024 - 2025	1752-1424
2	Investigation of Setpoint Tracking Control Schemes for Digital Twin of Industrial Finned Heater	Dr. S. Narendiran	Electrical and Electronics Engineering	Optimal Control Applications & Methods- Wiley	2024 - 2025	0143-2087
3	Enhanced lion swarm optimization and elliptic curve cryptography scheme for secure cluster head selection and malware detection in IoT-WSN	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	Scientific Reports	2024 - 2025	2045-2322
4	Efficient Finite Element Approach of Four-Variable Power Law Functionally Graded Plates	Dr.A.S.Vijay Vikram	Civil Engineering	Buildings	2023 - 2024	2075 - 5309
5	A novel analytical evaluation of the laboratory-measured mechanical properties of lightweight concrete	Dr.A.S.Vijay Vikram	Civil Engineering	Structural Engineering and Mechanics	2023 - 2024	1225 - 4568



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6	An initial investigation of a pavement monitoring platform based on the internet of things using a piezoelectric cantilever beam Electric sensor	Dr.A.S.Vijay Vikram	Civil Engineering	DogoRangsang Research Journal	2023 - 2024	2347 - 7180
7	Structural Analysis of Nano Core PCF with Fused Cladding for Supercontinuum Generation in 6G Networks	Dr.S.Chandru	Electronics & Communication Engineering	Radio Science	2023 - 2024	1944 - 799X
8	Durability Assessment of Grey Water in Performance of Concrete Using Admixture	Dr. A. S. Vijay Vikram	Civil Engineering	Seventh Sense Research Group (SSRG) Journal of Civil Engineering	2023 - 2024	2348-8352
9	Prediction of Strength Properties of Ternar Concrete by using Artificial Intelligence and Learning Techniques	Dr. A. S. Vijay Vikram	Civil Engineering	Educational Administration: Theory and Practice Journal	2023 - 2024	2148 - 2403
10	Intelligent Automation in Civil Engineering	Dr. A. S. Vijay Vikram Mr. D. Jayaseelan Dr. Udaya Suriya Rajkumar	Civil Engineering & Computer Science Engineering	Mukt Shabd Journal	2023 - 2024	2347 - 3150
11	A Novel analytical evaluation of the laboratory-measured mechanical properties of lightweight concrete	Dr. A. S. Vijay Vikram	Civil Engineering	Structural Engineering and Mechanics Journal	2023 - 2024	1225 - 4568



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12	A HSEERP – Hierarchical secured energy efficient routing protocol for Wireless Sensor Networks	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	Peer-to-Peer Networking and Applications Journal	2023 - 2024	1936 - 6540
13	A Hybrid approach for rice crop disease detection in agricultural IoT system	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	Discover Sustainability Journal	2023 - 2024	2662 - 9984
14	Fuzzified Swarm Intelligence Framework using FPSOR Algorithm for High-speed MANET – Internet of Things (IoT)	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	Measurement: Sensors Journal	2023 - 2024	2665 - 9174
15	A Hybrid Particle Swarm Optimization and C4.5 for Network Intrusion Detection and Prevention System	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	International Journal of Computing	2023 - 2024	2312 - 5381
16	Performance Comparison of Different Digital and Analog Filters Used for Biomedical Signal and Image Processing	Dr. D. Udaya Suriya Rajkumar	Computer Science Engineering	Journal of Information Technology Management	2023 - 2024	2423 - 5059
17	Experimental Techniques for Mechanical Properties of Geopolymer Coatings, Corrosion Protection of Steel	Dr.A.S.Vijay Vikram	Civil Engineering	PERIODICOdiMINERALOGIA	2022 - 2023	0369 - 8963
18	A Green Logistics Solutions for Last mile Deliveries Considering E-Van and E-Cars-Bike Using Fuzzy Inventory	Dr.M.Nagamani	Science & Humanities	Neuroquantology	2022 - 2023	1301 - 5150
19	A Fuzzy Inventory model with Adequate Shortage Using Trapezoidal method	Dr.M.Nagamani	Science & Humanities	Telematique	2022 - 2023	1856 - 4194



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20	A Fuzzy Inventory model with Adequate using grade mean integral value method	Dr.M.Nagamani	Science & Humanities	Journal of Algebraic Statistics	2022 - 2023	1309 - 3452
21	Queuing Theory in Multi-Channel Model of waiting Lines with Boundary value method	Dr.M.Nagamani	Science & Humanities	International Journal of Mechanical Engineering	2022 - 2023	0974 - 5823
22	Half-Duplex and Full-Duplex Performance Comparison for Different Fading Channel Using HMR Protocol in MIMO Technology	Mrs.J.Daphney Joann	Information Technology	The International Arab Journal of Information Technology	2022 - 2023	1683 - 3198
23	Investigation on nanocore-centred nonlinear PCF for high nonlinearity and low dispersion	Dr.S.Chandru	Electronics & Communication Engineering	Ceramics International	2022 - 2023	0272 - 8842
24	Maximizing Capacity Usage and Selection of Optimal Antennas to Improve Spectrum Efficiency in Massive MIMO Technology	Mrs.J.Daphney Joann	Information Technology	Wireless Personal Communications	2021 - 2022	1572-834X
25	Experimental Study on Concrete Using Iron Slag as Fully Replacement Material of Fine Aggregate	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394 - 2886
26	Maintaining Confidentiality with searchable Encryption process using Metadata Keys	Mrs.J.Daphney Joann	Information Technology	International Journal of Scientific Research in Science and Technology	2021 - 2022	2395 - 602X
27	Influence of Low and High Modulus of Fibre Reinforcements Used in Cementitious Materials	Dr.A.S.Vijay Vikram	Civil Engineering	Journal of Xidian University	2021 - 2022	1001 - 2400



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28	Experimental Behaviour of High-Performance Fiber Reinforced Concrete Using Hooked End Fiber and Crimped Fiber	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394 - 2886
29	Experimental Study on Behaviour of Steel Fibre Reinforced Concrete with Partial Replacement of Fine Aggregate with Marble Dust	Mr. N.Selvakumar Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394 - 2886
30	An Experimental Study of Hybrid Fiber Reinforced Concrete	Mr. S.Rajkumar Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394 - 2886
31	An Experimental Investigation on Expanded Polystyrene Concrete Using Silica Fume	Mrs. S.Sowmiya Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
32	Experimental Investigation on Nylon Fiber Reinforced Concrete	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
33	Durability Investigation On Eco-friendly Concrete With Coconut Shell, furnace Slag And Made Sand	Mr. D.Jayaseelan Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
34	Experimental Study With Partial Replacement of Cement by Rice Husk Ash and Bagasse Ash	Mr. S.Rajkumar Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
35	Experimental Study on Concrete Using Iron Slag as Fully Replacement Material of Fine Aggregate	Mr. D.Jayaseelan Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
36	Experimental Investigation on Strength Parameters of Sisal Fibre Reinforced Concrete	Mrs. S.Sowmiya Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886



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37	Strength And Durability Studies on Polypropylene Fibre Reinforced Concrete with Partial Replacement of Cement by Silica Fume	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
38	Repair And Rehabilitation of Concrete Structures Using Carbon Fiber as Reinforced Polymer	Mrs. S.Sowmiya Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
39	Experimental Investigation on Flexural Behaviour of Rc Beam Retrofitting With The Addition of Alcofine	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
40	Investigation of Strength and Durability Properties of Metakaolin With Partial Replacement of Cement	Mr. S.Rajkumar Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
41	An Experimental Investigation on Properties of High Strength Self-Compacting Concrete Mixes	Mrs. S.Sowmiya Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
42	Investigation on Strength and Behaviour of Beams Prepared With Flyash and Glass Fibre Concrete Under Static and Cyclic Loading	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
43	Determination The Strength of Glass Fiber Reinforced Polymer Laminated on Coldformed Steel	Dr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886



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44	Experimental Study on Structural Behaviour of Bamboo Fibrous and M-sand Concrete Composite-beam Column Joint	Mrs. Sowmiya.SDr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2021 - 2022	2394-2886
45	Spectral and microscopic analysis of fulvic acids isolated from marine fish waste and sugarcane bagasse co-compost	Mr. S. Sivarathna kumar	Petroleum Engineering	Biocatalysis and Agricultural Biotechnology	2020 - 2021	1878-8181
46	Study on Polymer Modified Steel Fibre Reinforced Concrete	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
47	Well testing mechanisms Through multi beam Research survey on Reservoir Parameters	Dr.M.Nagamani	Science & Humanities	Journal of XI'AN University of Architecture & Technology	2020 - 2021	1006 - 7930
48	Emission investigation on the effect of ultrasonic irradiation in neat biodiesel fuelled engine	Mr. M.Raman	Mechanical Engineering	International Journal of Ambient Energy	2020 - 2021	2162-8246
49	Analysis on the properties and emission characteristics of corn biodiesel subjected to improved transesterification	Mr. B. Prasanna	Automobile Engineering	International Journal of Ambient Energy	2020 - 2021	2162-8246
50	Development study on durability properties of concrete using steel slag as a partial replacement of coarse aggregate with SF & SCBA	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
51	Experimental Investigation on Hybrid Fiber Reinforced Flyash Based Concrete	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886



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52	Experimental study on mineral admixtures In concrete	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
53	Retrofitting Of Concrete Structure with Using Glass Fiber Reinforced Polymer (Gfrp)	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
54	Study on Durability Properties of Concrete using SCBA as a Partial Replacement of Cement with Sisal Fibre	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
55	Study on Strength Development High Calcium Flyash Based Geopolymer concrete	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
56	Rehabilitation of RCC Slab Using Ferrocement Technique	Mr. D.Jayaseelan	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
57	Lexural Response of Hybrid FRC Beams	Mrs. S.Sowmya	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2020 - 2021	2394 - 2886
58	Strength analysing on concrete with partial replacement of fine aggregate by m-sand and steel Slag	Mr.A.S.Vijay Vikram	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717
59	Study On High Strength High Performance Hybrid Fiber Reinforced Concrete	Mr.A.S.Vijay Vikram	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717



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60	A method for UP process with Maximum profits even Purchase credit solution with fuzzy sense	Dr.M.Nagamani	Science & Humanities	Journal of Emerging Technologies and Innovative Research	2019 - 2020	2349 - 5162
61	Bithiophene triarylborane dyad: An efficient material for the selective detection of CN ⁻ and F ⁻ ions	Mr. G.Anbu	Science & Humanities	Applied Organometallic Chemistry	2019 - 2020	0268-2605
62	Heat and Mass Transfer on MHD Two Phase Blood Flow through a Stenosed Artery with Permeable Wall	Mr.D.Karthikeyan	Science & Humanities	International Journal of Innovative Technology and Exploring Engineering	2019 - 2020	2278-3075
63	A cross over Developed Ant colony optimization for an integer Partial flexible open shop Scheduling Problem	Dr.M.Nagamani	Science & Humanities	Journal of Emerging Technologies and Innovative Research	2019 - 2020	2349 - 5162
64	An Efficient node ranking mechanism for Identifying selective forwarding attacks in WSN	Dr.M.Nagamani	Science & Humanities	International Journal on Emerging Engineering Technologies	2019 - 2020	0975 - 8364
65	Analysis of double diffusion natural convection in an enclosure filled with alumina water nanofluid using Buongiorno's two phase model	Dr. N. Saritha	Petroleum Engineering	Emerald Publishing	2019 - 2020	0961 - 5539
66	Experimental Investigation on Undulated and Hooked Steel Reinforced Concrete	Mr.A.S.Vijay Vikram	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717



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67	Finite element analysis and behaviour of r.c.c beam retrofitted with Sisal fibre sheet	Mr.A.S.Vijay Vikram	Civil Engineering	Suraj Punj Journal for Multidisciplinary Research	2019 - 2020	2394 - 2886
68	Experimental Investigation of Concrete by Using Bagasse Ash and Adding Steel Fibre	Mr.D.Jayaseelan	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717
69	Reuse of Plastic Waste as a Replacement of Sand in Concrete	Mr. D.Jayaseelan	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717
70	Experimental Study on Partial and Fully Replacement of OPC with GGBS, Fa And Silica Fume in Concrete	Mr. D.Jayaseelan	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717
71	Experimental Study on Partial Replacement of Cement by Using Fly-Ash with Glass Fiber	Mr. N.Selvakumar	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717
72	Partial replacement of cement by sugarcane bagasse ash and aggregate by sisal fiber	Mr.A.S.Vijay Vikram	Civil Engineering	International Journal of Advanced Research in Basic Engineering Sciences and Technology	2019 - 2020	2456 - 5717



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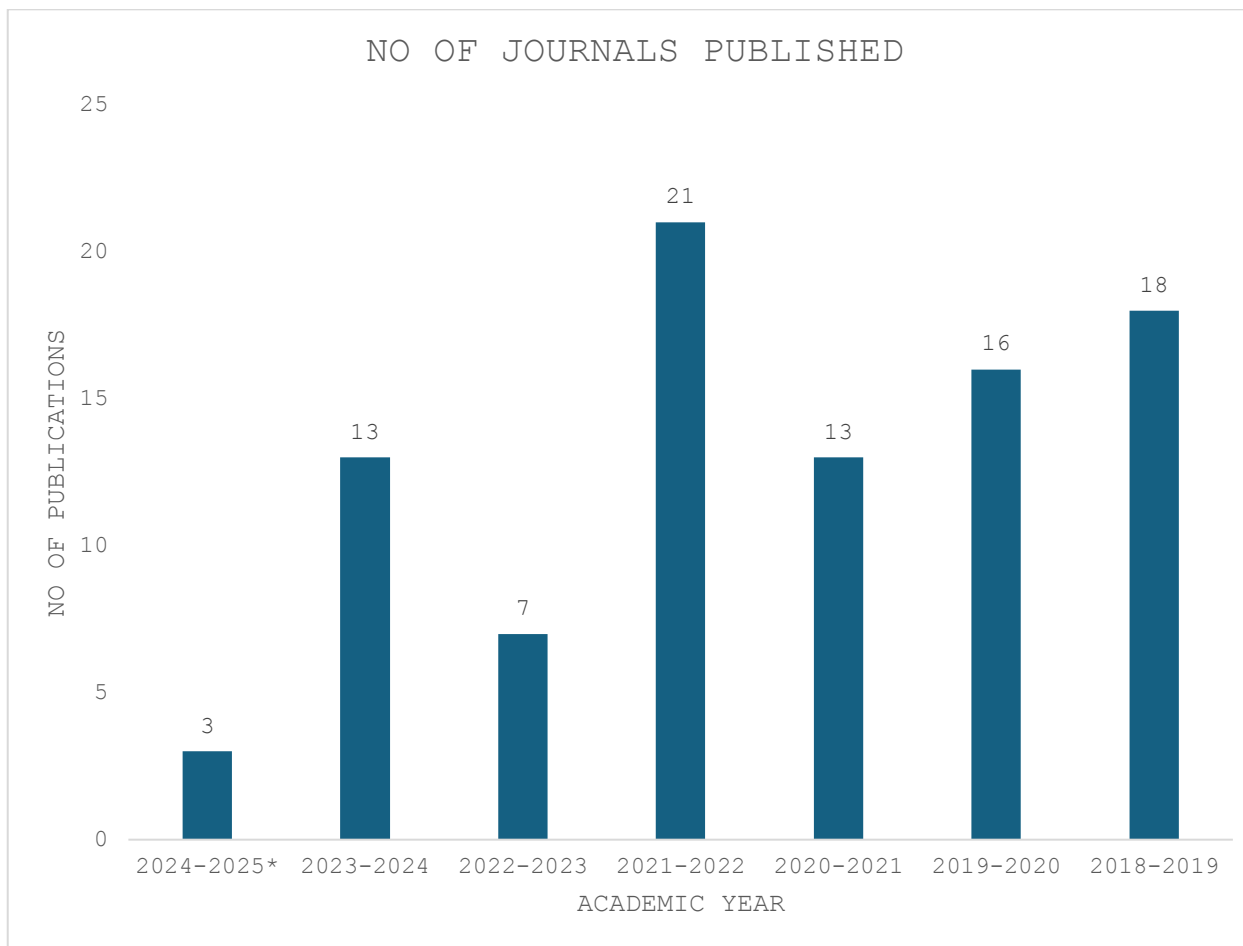
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73	Preparation of yeast mediated semiconductor nanoparticles by <i>Candida albicans</i> and its bactericidal potential against <i>Salmonella typhi</i> and <i>Staphylococcus aureus</i>	S. Karpagambigai	Science & Humanities	International Journal of Research in Pharmaceutical Sciences	2019 - 2020	0975-7538
74	Controlling of disease causing pathogens using silver nanoparticles synthesized by one step green procedure	S. Karpagambigai	Science & Humanities	Journal of Applied Pharmaceutical Science	2018 - 2019	2231 - 3354



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Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

LIST OF ACTIVITIES ORGANISED

Sl.No	Academic Year	Event Name	No of Participants	Date
1	2024 - 2025	Recent Trends in Automation (Research Methodology)	62	28-10-2024
2	2024 - 2025	Power Electronic Converters Using MATLAB (Research Methodology)	65	11-11-2024
3	2024 - 2025	Emerging Technologies of IoT in Smart World (Research Methodology)	89	13-11-2024
4	2023 - 2024	Recent Trends in Hybrid Vehicle (Research Methodology)	45	09-02-2024
5	2023 - 2024	Blockchain (Research Methodology)	122	03-04-2024
6	2023 - 2024	IoT and Drone Applications (Research Methodology)	88	13-04-2024
7	2022-2023	Innovation ideas of communication in 5G Technology (Research Methodology)	76	28-04-2023
8	2022-2023	Innovation in Role of computers in Digital Forensics (Research Methodology)	102	17-03-2023
9	2022-2023	A Overview in Research Methodology (Research Methodology)	40	14-03-2023
10	2022-2023	Research on Innovation in Ethical Hacking (Research Methodology)	115	07-10-2022



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11	2022-2023	One day Seminar on Oil and Gas Offshore (Research Methodology)	12	16-09-2022
12	2021-2022	A Interactive session on Power Circuits (Research Methodology)	32	15-03-2022
13	2021-2022	Innovation in Enhancing the usability of chatbots (Research Methodology)	103	22-02-2022
14	2021-2022	Innovation in AI and Robotics (Research Methodology)	91	18-02-2022
15	2021-2022	Overview in Research Methodology (Research Methodology)	101	20-09-2021
16	2021-2022	Technology-enhanced education in the post-COVID era (Research Methodology)	104	27-08-2021
17	2021-2022	IOT Design Using Wireless Protocol (Research Methodology)	68	10-08-2021
18	2019-2020	Innovation in Biometrics as an Intellectual property in AI-Driven world (Research Methodology)	82	13-03-2020
19	2019-2020	Integrating Media Intelligence into Strategic Decision-Making Processes (Research Methodology)	75	27-09-2019
20	2019-2020	A Creative Thoughts Based Research Methodology (Research Methodology)	95	20-09-2019
21	2019-2020	A Creative Thoughts Based Research Methodology (Research Methodology)	41	20-09-2019
22	2019-2020	An Innovative Approach to Research Methodology (Research Methodology)	57	13-09-2019
23	2019-2020	Recent trends in research of Composite Material (Research Methodology)	144	19-08-2019
24	2018-2019	Analysis and optimization techniques in Research	140	12-02-2019



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		(Research Methodology)		
25	2018-2019	Research Methodology-Semantic methods in debugging (Research Methodology)	66	11-01-2019
26	2018-2019	Innovation in Intensifying the Semantic Web (Research Methodology)	75	19-10-2018
27	2018-2019	Innovative Developments in Petroleum Exploration Technology (Research Methodology)	98	21-09-2018
28	2018-2019	A New Innovation in Arduino Based Robotics (Research Methodology)	89	17-08-2018

Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

ACADEMIC YEAR	NO OF ACTIVITIES ORGANIZED
2022-2023	14
2021-2022	12
2020-2021	4
2019-2020	11
2018-2019	13



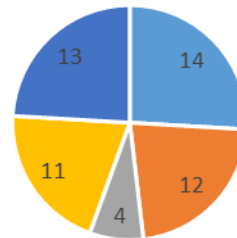
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NO OF ACTIVITIES ORGANIZED



■ 2022-2023 ■ 2021-2022 ■ 2020-2021 ■ 2019-2020 ■ 2018-2019



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Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year

Total Number of Conference Proceedings / Books Published: 09

Sl. No.	Name of the teacher	Title of the Books/Chapter/Conference Proceedings Published	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr. V. Natarajan	Exergy analysis of Joule-Thomson refrigeration System	Technological Trends in Information Science and Engineering	-	-	2023-2024	978-81-965081-5-9	Global Institute of Engineering and Technology	Tekscience Publications
2	Dr. Udaya Suriya Rajkumar	Disease Prediction Using Symptoms Based on Natural Language Processing	International Conference on Innovations, Challenges and Solutions in Engineering Science and Technology	ICICSE T-24	International	2023 – 2024	978-81-971735-6-1	Global Institute of Engineering and Technology	Sri Indu College of Engineering and Technology
3	J. Daphney Joann	Maintaining Confidentiality with Searchable Encryption Process Using Metadata Keys	International Conference on Advances in Materials, Computing and Communication Technologies	ICAMC CT-2021	International	2021 - 2022	2395-602X	Global Institute of Engineering and Technology	C. Abdul Hakeem College of Engineering and Technology



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4	J. Daphney Joann	Enhancing Spectrum Efficiency by assigning Heterogenous Channel Allotment in Cooperative CRN	3rd International Conference on Technology and Advancement in Computing Applications	ICTAC A-2020	International	2019 - 2020	978-98-11652-0-66	Global Institute of Engineering and Technology	C. Abdul Hakeem College of Engineering and Technology
5	J. Daphney Joann	Spectral Efficiency for Massive MIMO With Half and Full Duplex using Relay Systems	8th National Conference on Computing Technologies Todays and Beyond	NCCTT B - 2020	National	2019 - 2020	978-93-84743-54-3	Global Institute of Engineering and Technology	RMK College of Engineering
6	J. Daphney Joann	Modified Hierarchical (RS-IBE) Access Control Method for Mobile Cloud Computing	National Conference on Advanced Computing Technologies	NCACT - 2020	National	2019 - 2020	978-93-5437-801-0	Global Institute of Engineering and Technology	Velammal Engineering College
7	J. Daphney Joann	Heterogeneous Channel Allotment for upgrading spectrum efficiency in cooperative CRN	Conference on Recent Advances in Technology & Engineering	CRATE - 2020	National	2019 - 2020	978-93-80831-42-8	Global Institute of Engineering and Technology	Vemu Institute of Technology
8	J. Daphney Joann	A Systematic Machine learning based scheme using Tender concept to predict the cross-project defect	8th National Conference on Computing Technologies Todays and Beyond	NCCTT B - 2020	National	2019 - 2020	978-93-84743-54-3	Global Institute of Engineering and Technology	RMK College of Engineering



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9	J. Daphney Joann	Performance Analysis of MIMO and Massive MIMO with Rayleigh, Rician and Nakagami Channels	6 th International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems	ICAIEC ES - 2020	International	2019 - 2020	981-16-2674-6-17	Global Institute of Engineering and Technology	College of Engineering Guindy
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BOOK PUBLICATION

Total Number of Books/ChapterPublished: 07

Sl. No.	Name of the teacher	Title of the Books/Chapter/Conference Proceedings Published	Year of publication	ISBN / ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.A.S. Vijay Vikram	Quality Control in Construction	2024-2025	978-93-6175-134-9	Global Institute of Engineering and Technology	Aqua Publications
2	Dr. Udaya Suriya Rajkumar	Cyber Security	2023 – 2024	978-93-5577-534-4	Global Institute of Engineering and Technology	Charulatha Publications
3	Dr.J.Daphney Joann	Object Oriented Software Engineering	2023– 2024	978-93-87950-81-8	Global Institute of Engineering and Technology	Lakshmi Publications



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4	Dr.J.Daphney Joann	Cryptography And Cyber Security	2023– 2024	978-81-961898-4-6	Global Institute of Engineering and Technology	Lakshmi Publications
5	Dr.J.Daphney Joann	Compiler Design	2023– 2024	978-81-961898-5-3	Global Institute of Engineering and Technology	Lakshmi Publications
6	Dr.J.Daphney Joann	Data Science Fundamentals	2023– 2024	978-81-962493-0-4	Global Institute of Engineering and Technology	Lakshmi Publications
7	Dr. J. Daphney Joann	Foundation of Data Science	2022 - 2023	978-81-953605-0-5	Global Institute of Engineering and Technology	Suchitra Publications



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PATENT PUBLICATIONS

Sl.No.	Title of theInvention	Application number	Name of the Applicant	Name of the College	Publication Date	Country
1	A Compact Inset Coupled-FED Triangular Patch Antenna for Wideband 5G Applications	202441051128	Dr. S. Chandru	Global Institute of Engineering and Technology	04/07/2024	India
2	Digital Level Angle Measuring Tool	408908-001	Dr.A.S.Vijay Vikram	Global Institute of Engineering and Technology	27/02/2024	India
3	Development of fiber reinforced concrete with waste late fibers	202321037018	Dr.A.S.Vijay Vikram	Global Institute of Engineering and Technology	29/05/2023	India
4	Design Modified Rotor for Wind Turbine to Enhance the Efficiency	202341014546A	Dr.S.Sengottaiyan	Global Institute of Engineering and Technology	17/03/2023	India