Research Papers Publication

S.NO	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	Link to Abstract / Paper of the arcticle
1	Modeling of Nine-Phase Voltage Source Inverter With Space Vector Pwm Techniques	R. Sagayaraj	EEE	Journal of Computational & Theoretical Nanoscience	2018	https://www.researchgate.net/publication/349140152_Modeling_of_Nine-phase_Voltage_Source_Inverter_With_Space_Vector_PWM_Techniques
2	Modeling of Nine-Phase Voltage Source Inverter With Space Vector Pwm Techniques	Reyo raj	EEE	Journal of Computational & Theoretical Nanoscience	2018	https://www.researchgate.net/publication/349140152_Modeling_of_Nine-phase_Voltage_Source_Inverter_With_Space_Vector_PWM_Techniques
3	Optimizing Fuel Cells In Energy Storage Technologies For Renewable Energy Sources	R. Sagayaraj	EEE	International Journal of Engineering Research and Applications,	2018	https://www.ijera.com/papers/Vol8_issue6/Part-4/G0806043943.pdf
4	A Novel Digital Stethoscope In Healthcare Applications For Tribal and Illiterate Community	R. Sagayaraj	EEE	World Journal of Engineering Research & Technology.	2018	https://www.wjert.org/admin/assets/article_issue/27062018/1530266053.pdf

5	Intelligent Performance Analysis of Accelerated Fuzzy Controlled Dc-Dc Boost Converter	R. Sagayaraj	EEE	International Journal For Research In Engineering Application & Management (IJREAM)	2018	http://ijream.org/papers/IJREAMV04I0339154.pdf
6	Investigations On Review of Software Tools For The Integration of Renewable Energy Systems For Sustainable Energy Development	R. Sagayaraj	EEE	International Journal For Research In Engineering Application & Management (IIREAM)	2018	http://ijream.org/papers/IJREAMV04I0440166.pdf
7	, Grocery Theft and Monitoring Using Iot For Stock Management Application,	R. Sagayaraj	EEE	International Journal For Modern Trends In Science And Technology	2018	http://www.ijmtst.com/volume4/issue8/9.IJMTST040823.pdf
8	Error Correction Technique For Combinational & Sequential Circuits Using Tmr Technique	C.Senthikumar	ECE	International Journal of Research In Engineering Science And Management (IJRESM)	2018	https://www.ijresm.com/Vol_1_2018/Vol1_Iss9_September18/IJRESM_19_132.pdf
9	A Study On (M/M/1) : (N/Fcfs) Queueing Model Under Monte Carlo Simulation In A Multi Speciality Hospital”.	Dr.P.Umarani	Mathematics	International Journal of Mathematical Archive	2018	https://www.ripublication.com/ijpams16/ijpamsv9n2_03.pdf

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12	A Novel Rfid Based Selfmoving Caster And Automatic Billing System	R. Preyadharan	ECE	i-manager’s Journal on Embedded Systems	2018	https://www.proquest.com/openview/112dcf411ce8a9697019029f97f70495/1?pq-origsite=gscholar&cbl=2030623
13	Switching Gain Adaptive Control Brushless DC Motor	S. Gayathri	EEE	International Journal for Innovative Research in Science & Technology	2018	http://www.ijirst.org/articles/IJIRSTV4I12033.pdf
14	An Accurate Efficient and Scalable Event Based Video Search Method Using Spectral Clustering	R.G Sakthivelan	CSE	Journal of Computational and Theoretical Nanoscience	2018	https://www.researchgate.net/publication/322866537_An_Accurate_Efficient_and_Scalable_Event_Based_Video_Search_Method_Using_Spectral_Clustering

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16	Design and Experimental Analysis of Micro Wind Turbine Using Composite Material	R.Manivannan	Mechanical	Journal of Antimicrobial Chemotherapy	2019	https://drive.google.com/file/d/1fnkGnWkdgAe24WCdZyDL8nrViqPvkI-c/view
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20	Characterization of Y2O3 particles reinforced AA6082 aluminum matrix composites produced using friction stir processing	J Ramesh Kumar	Mechanical	Material Research Express	2019	https://iopscience.iop.org/nsearch?terms=Characterization+of+Y2O3%C2%A0particles+reinforced+AA6082+aluminum+matrix+composites+produced+using+friction+stir+processing
21	A HybridLUT/Multiplexer-Based Runtime Relocation System for Circuits on Heterogeneous FPGA	S.Mohan	ECE	SSRG International Journal of Electronic and Communication Engineering (SSRG - IJECE)	2019	https://www.internationaljournalssrg.org/uploads/specialissuepdf/ICTER-2019/2019/ECE/P114.pdf
22	Historicity of Opium Cultivation, Trade and War In Amitav Ghosh's Ibis Trilogy" ,	A.Balasubhashini	English	Literary Endeavor	2019	https://www.literaryendeavour.org/files/ngrk86m23enq0bijw7gl/2019-01%20116.HISTORICITY%20OF%20OPIUM%20CULTIVATION,%20TRADE%20AND%20WAR%20IN%20AMITAV%20GHOSH%E2%80%99S%20IBIS%20T
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25	Water Quality Assessment In 4 Different Taluks of Salem District	N.Shahidha Begam	Civil Engineering	International Journal of Scientific And Engineering Research	2020	https://www.ijser.org/researchpaper/Water-Quality-Assessment-In-4-Different-Taluks-Of-Salem-District.pdf
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29	Study On Productivity Analysis of Critical Activity In Construction Project Using Earned Value Method	R.James Praveen	Civil Engineering	International Journal of Structural And Civil Engineering Research	2020	https://www.researchpublish.com/upload/book/Study%20on%20Productivity-8563.pdf
30	Improving Secured Id-Based Authentication For Cloud Computing Through Novel Hybrid Fuzzy-Based Homomorphic Proxy Re-Encryption	V.Vijaya Kumar	CSE	Soft Computing	2020	https://link.springer.com/article/10.1007/s00500-020-05119-9
31	Design of Peer-To-Peer Protocol With Sensible and Secure Iot Communication For Future Internet Architecture	V.Vijaya Kumar	CSE	Microprocessor and Micro Systems	2020	https://www.sciencedirect.com/science/article/abs/pii/S0141933120303781
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35	Performance of Hybrid Algorithm of Cuckoo Search and Particle Swarm In Optimal Power Flow Problems	D.Thangaraj	EEE	International Journal of Innovative Research in Science,Engineering and Technology	2020	http://www.ijirset.com/upload/2020/january/29_PERFORMANCE.PDF
36	Analysis On Measurement of Mechanical Properties / Sandwich Structures With Negative Poisson Ratio Honeycomb Core	R.Manivannan	Mechanical	International Journal of Mechanical and Production Engineering Research and Development	2020	http://www.tjprc.org/conference-archives.php?page=108
37	Analysis On Phase Change Material Applied In Solar Desalination System	R.Manivannan	Mechanical	International Journal of Mechanical and Production Engineering Research and Development	2020	http://www.tjprc.org/conference-archives.php?page=108
38	Automatic Ambulance Detection and Gate Control Along with Auto Traffic Control	C. Senthilkumar	ECE	Journal on Science Engineering and Technology	2020	http://jset.sasapublications.com/wp-content/uploads/2020/05/2011003.pdf

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40	Automatic Ambulance Detection and Gate Control Along with Auto Traffic Control	R. Gunasekar	ECE	Journal on Science Engineering and Technology	2020	http://jset.sasapublications.com/wp-content/uploads/2020/05/2011003.pdf
41	Automatic Ambulance Detection and Gate Control Along with Auto Traffic Control	S. Gowtham	ECE	Journal on Science Engineering and Technology	2020	http://jset.sasapublications.com/wp-content/uploads/2020/05/2011003.pdf
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46	Experimental Studies of Silica Fume and Sisal Fibre On Performance of Concrete	Mr.M.Sabarinathan	Civil Engineering	International Journal of Scientific Research and Engineering Trends	2020	https://ijsret.com/wp-content/uploads/2020/04/IJSRET_V6_issue2_295.pdf
47	Experimental Studies of Silica Fume and Sisal Fibre On Performance of Concrete	S.Mohan Raj	Civil Engineering	International Journal of Scientific Research and Engineering Trends	2020	https://ijsret.com/wp-content/uploads/2020/04/IJSRET_V6_issue2_295.pdf

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49	Minimization of delamination, surface roughness and thrust force in drilling of AL2O3 ceramic particle filled CFRP composites	R.Viswanathan	Mechanical	Journal of Ceramic Processing Research	2021	http://www.jcpr.or.kr/journal/download/pdf/2558
50	Optimization of EDM Machining of High Carbon High Chromium steel Using Zirconium and Nickel Powder Mixed Dielectric by Grey Relational Analysis	R.Viswanathan	Mechanical	Recent Trends in Mechanical Engineering	2021	https://link.springer.com/chapter/10.1007/978-981-16-2086-7_14
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52	Synthesis and Charaacterizations of Zinc Oxide Nanoparticles Using Various Precursors	K.Saravanan	Physics	Annals of The Romanian Society For Cell Biology	2021	https://www.annalsofrscb.ro/index.php/journal/article/view/2413/2031

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56	Epitome Evolution of sanctuary to detect the interloper in home automation	k.Ambika	CSE	1st International conference on Technology Innovation & data science (ICTIDS)	2021	https://link.springer.com/chapter/10.1007/978-981-15-3284-9_67
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60	Zno-Tio2 Nanocomposites Synthesized By Sol-Gel Route: Study Of Their Structural And Optical Properties	K.Saravanan	Physics	Nat. Volatiles & Essent. Oils	2021	https://www.nveo.org/index.php/journal/article/download/1500/1382/1615
61	Weather Forecasting for Renewable Energy System: A Review	B. Sangeetha	EEE	Archives of Computational Methods in Engineering	2021	Weather Forecasting for Renewable Energy System: A Review | SpringerLink
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66	security inteligence and protection in modern RPL era: privacy protection and intrusion detection using iot techniques	k.Ambika	CSE	Computer Integrated Manufacturing Systems,	2022	http://cims-journal.com/index.php/CN/article/view/249
67	Multi Objective Optimization of Pulse Electrodeposition of nano Ni-TiO2 and Ni-Al2O3 coating on Inconel 617	D.R.Joshua	Mechanical	International Journal of Electrochemical Science	2022	http://electrochemsci.org/papers/vol17/220418.pdf

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71	Investigation and optimization on micro and nano Al2O3 reinforced aluminium composites using GRA coupled PCA technique	A.Srinivasan	Mechanical	Journal of Ceramic Processing Research	2022	https://www.kci.go.kr/kciportal/ci/sereArticleSearch/ciSereArtiView.kci?sereArticleSearchBean.artiId=ART002909956
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74	Optimization of multi passes friction stir process parameters on AA7075 Surface Hybrid Composite with reinforcement of SiC and Gr	R.Viswanathan	Mechanical	Journal of Ceramic Processing Research	2022	https://www.researchgate.net/profile/Sivashankar-Nadanasabapathi/publication/361727967_Optimization_of_multi_passes_friction_stir_process_parameters_on_AA7075_Surface_Hybrid_Composite_with_reinforcement_of_SiC_and_Gr/links/62c1c8
75	Structural and optical study of ZnO-TiO2 nanocomposites	B. Sangeetha	EEE	Journal of Ovonic Research	2022	Structural and optical study of ZnO-TiO2 nanocomposites (researchgate.net)