



R.M.K. ENGINEERING COLLEGE

RSM NAGAR, KAVARAIPETTAI – 601 206



Research Papers in the Journals Notified on UGC website

Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISSN Number
Assessment of Reinforced Concrete Corroded Column by Non-Destructive Test	Dr.M.USha Rani Ms.A.Hemamathi	Civil	International Journal of Innovative Technology and Exploring Engineering	November 2019	2278-3075/9(1S)
Numerical analysis of solar roadways using ANSYS	Ms.A.Hememamathi Dr.M.USha Rani Ms.Seena Simon I.Lavanya M.Raja Rajeshwari	Civil	International Journal of Innovative Technology and Exploring Engineering	November 2019	2278-3075/9(1S)
Assessment of Geo Technical Properties of Nano-Lime Treated Expansive Clay	Dr.S.Sudhakar, ShrilekhaJ, SivagamiN, KavipriyaP V, SowndaryaS	Civil	International Journal of Innovative Technology and Exploring Engineering	December 2019	2278-3075/9(2)
Experimental Investigation of Hollow Block made from Bottom ash & Geosynthetic fibre as Admixture	Ms.A.Hemamathi S.Kokila Anish .R	Civil	International Journal of Engineering sciences & Research Technology	June 2019	2277-9655/8(6)
Strength Assessment on Fly ash based Geopolymer concrete	Ms.Seena Simon Ms.A.Hemamathi Ms.J.Jenishta Louis	Civil	International Journal of Innovative Technology and Exploring Engineering	November 2019	2278-3075/9(1)
In-situ strength assessment of concrete using maturity method	Ms.J.Jenishta Louis Ms.Sharanya Balki Mr.R.Arun Prathap Ms.Seena Simon	Civil	International Journal of Innovative Technology and Exploring Engineering	December 2019	2278-3075/9(2)
Effect of Wind and Earthquake loading on Telecommunication Tower	Mr.P.Joyson Silva Mr.R.G.Dhilip Kumar	Civil	International Journal of Innovative Technology and	November 2019	2278-3075/9(1S)

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	Dr.Binu Sukumar Mr.P.Ramshankar		Exploring Engineering		
Influence of Payloads on the Hydrodynamic Response of Semi-Submersible Platform	Mr.R.Arun Prathap Ms.Sharanya Balki Ms.J.Jenishta Louis	Civil	International Journal of Innovative Technology and Exploring Engineering	December 2019	2278-3075/9(2)
Strength and Durability Performance of Ferrocement Panels with the Influence of Corrosion Inhibitor	Ms.S.Saranya Mr.S.P.Kanniyappan Ms.A.Faizuneesa Mr.R.G.Dhilip Kumar	Civil	International Journal of Engineering and Advanced Technology (IJEAT)	December 2019	2249-8958/9(2)
Behaviour of Exoskeleton Structures Under Wind Loading	Mr.R.G.Dhilip Kumar Divya.M	Civil	International Journal of Engineering and Advanced Technology (IJEAT)	December 2019	2249-8958/9(2)
Effect of Combination of Aluminosilicates Rich Minerals with Fly Ash on Structural Behaviour of the Basalt Fibre Reinforced Geopolymer Concrete	Mr.S.Sakthivel Mr.S.Aravind Mr.R.G.Dhilip Kumar Mr.S.P.Kanniyappan	Civil	International Journal of Engineering and Advanced Technology (IJEAT)	December 2019	2249-8958/9(2)
An Investigation of Axial Hydrofoil Tidal Turbine	Ms.Sharanya Balki	Civil	International Research Journal of Engineering and Technology	June 2019	2395-0056/6(6)
Soil Stabilization Using Construction and Demolition Waste in Road Construction	S.P.Kanniyappan S.Balakumaran, R.G.Dhilip Kumar, C.Lavanya	Civil	Pramana Research Journal	June 2019	2249-2976
Effect of slab opening in seismic resistance of structure	Dr. Binu Sukumar, Joyson Silva P, Dhilip Kumar R G	Civil	Test Engineering and Management	February 2020	0193-4121
Treatment and analysis of Industrial Effluent using Phytoremediation Technology	Dr.T.Muralikrishna Dr. V.Sivasubramanian K. Divya J.Christina Shiny S.Kalaivani,	Civil	Test Engineering and Management	January - February 2020	0193-4120
Mechanical Properties of Structural Light Weight Concrete (SLWC) and Economical Perspective of using SLWC in	Ramshankar P Binu Sukumar	Civil	Test Engineering and Management	March - April 2020	0193-4120

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Construction	Joyson Silva P, Dhilip Kumar R G				
Behaviour and Performance of Natural Coagulants in Polluted Water	A. Faizuneesa, S. P. Kanniyappan, S. Saranya	Civil	International Journal of Recent Technology and Engineering (IJRTE)	January 2020	2277-3878,
Onset Variation of Northeast Monsoon and Successive Rainfall over Tamil Nadu	SharanyaBalki S. Gopinath	Civil	Test Engineering and Management	February 2020	0193 - 4120
Development of Composite Sheets for Emergency Shelters using waste Plastics	S. Aravind M.Sakthivel	Civil	Test Engineering and Management	February 2020	0193-4120
Crop Prediction System Using Machine Learning Algorithm	Dr. A. Thilagavathy M Naresh Reddy, R Kaushik S V S Harsha Vardhan	CSE	Journal of Xidian University	2020	1001-2400
Blockchain Technology to Protect Banking Transactions	Dr. Geetha C Divya Alankrutha K Indira Varshini G Harini V Aravindsanjay G	CSE	Journal of Xidian University	2020	1001-2401
Detection And Prevention Of Packet Injection Attack in Cloud Environment	Dr Selvi S Ram Charan Tej DD Chandrasekar V Janakiraman S Bharath Kumar K	CSE	Journal of Xidian University	2020	1001-2402
Novel Top-K Strategy For Preventing Collusion Attack In Retrieving Hidden Friends	Mrs. N. Banu priya M. Naga Sai Vikas, K. Mani Shankar Krishna J. Veera Badra Gopal,	CSE	Journal of Xidian University	2020	1001-2403
Automated Dashboard Control in IoT	Dr. Dhanalakshmi R Saravana Kumar M Surya Prakash T Abhishek P	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2020	2320-9798
Comparative Analysis of Anti-clusters Formed Using Various	Mohammed Fayaz A. Neethimani S. M.	CSE	International Journal of Advanced Science and	2020	2207-6360

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Distance Metrics and k-Medoids Algorithm	Sai Lokesh Reddy Y. Srijayanthi Subramanian Sakthivel avichandran		Technology		
Plant Disease Detection Using Image Processing and Machine Learning Algorithm	R Deepika Sai Chowdary Varsha G, Yogeshwari V Swathy Chinnappa N	CSE	Journal of Xidian University	2020	1001-2402
Analysis for Marketing Using Trending Social Media Chatter	Mrs. Srijayanthi S Rahul G S V Rakesh K B V V,Durga Sai I Mr. Sakthivel Ravichandran .	CSE	Journal of Xidian University	2020	1001-2402
Emotion Detection Using Convolution Neural Networks	Mrs. Lalitha S D B. Dinesh Kumar J. Ajay Krishna D. Gerald Moses	CSE	International Journal of Advanced Science and Technology	2020	2207-6360
Heart Disease Analysis and Prediction Using Deep Neural Networks and Big Data Analytics	Jasmine Gilda A Dinesh Manikandan Arjun Manoj S K Sarvin S	CSE	International Journal of Advanced Science and Technology	2020	2207-6361
Liver Cancer Detection using Image Processing Techniques	Jasmine Gilda G Bhuvanesh S Maneesh Reddy Ashwin Jumar	CSE	Journal of Xidian University	2020	1001-2402
Power Plan Recommender System for Residential Customers Using Collaborative Filtering	M. Akshith Kumar M. L. Naga Sandeep S. Nitin Surya M. P. Karthikeyan	CSE	Journal of Xidian University	2020	1001-2402
Optimal Path Navigation Using Air Quality Index	T. C. Jermin Jeunita, SJMadhumitha, S. Gracelin Jenita, M . Keerthana	CSE	Journal of Critical Reviews	2020	2394-5125

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Encrypted Search For Multi-Authority Medical Database Using AES and Blowfish Algorithms	Dr.Dhanalakshmi R, Haritha Priya L Joshna Devi S Chowndharia Amala Martinus A Rexan Infant	CSE	Journal of Critical Reviews	2020	2394-5126
Enhancing in Learning Management System Using Machine Learning	Dr. B.Jaison Pavan Kumar.PC R.Vijay, S.Siranjeevi	CSE	Journal of Critical Reviews	2020	2394-5127
Vehicle And Pedestrian Video-Tracking With Classification Based on Deep Convolutional Neural Network	Anusha Sanampudi P.N.Haarish Gopalan K.Praveen Kumar, K.M.Vinoth Kumar	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2020	2320-9798
Vision Controlled Robotic System	Dr.GeethaRamadas, Dr.Sukhi Y	EEE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
Transmission Congestion & Voltage Profile Management using Modular Multi Level UPFC	MallavoluMalleswararao,Dr. GeethaRamadas	EEE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
Breast cancer detection using machine learning	R.Chithrakkannan Dr.P.Kavitha T.Mangayarkarasi	EEE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
Maximum Power Extraction from Active Pitch Controlled Standalone Variable Speed Wind Turbine	Dr.Magesh T Kavitha P Thiyageesan M	EEE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075
Voltage Balancing Technique in Multilevel Inverter Based STATCOM: A Review	Y.Alexander Jeevanantham, K.Naresh Kumar L. Annie Isabella, Thiyagesan M	EEE	TEST Engineering Management & Management	2020	0193-4120
Transformer less Hybrid Bridge Inverter for Photovoltaic Grid Connected Systems	S. Anita Y. Sukhi M. S. Kavitha G. Lokesh	EEE	TEST Engineering Management & Management	2020	0193-4120

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Comparative Analysis of Bridgeless, Interleaved and Bridgeless Interleaved Boost PFC using PI and Hysteresis Controller	L.Annie Isabella K.Naresh Kumar Y.Alexander Jeevanantham	EEE	TEST Engineering Management & Management	2020	0193-4120
Charging Strategy Analysis for Electric Vehicle	B. Nandini E.Elakkia M. Perarasi	EEE	TEST Engineering Management & Management	2020	0193-4120
Trends And Performance Measures Of Electric Vehicles In Market	E.Elakkia B.Nandini M.Perarasi	EEE	TEST Engineering Management & Management	2020	0193-4120
Smart Glass for Visually Impaired People	Mr.M. Ganesan, M. Perarasi, Dr.GeethaRamadas, Dr. Y. Sukhi	EEE	TEST Engineering Management & Management	2020	0193-4120
Road Curve Vehicle Accident Prevention System	Geetha Ramadas, Y Sukhi J Alex N V Srikanth	EEE	TEST Engineering Management & Management	2020	0193-4120
Automatic Saline Changer and Monitoring of Sital Sign	Ms.Karthika V Nivethitha K S Jenifer.A	EEE	TEST Engineering Management & Management	2020	0193-4120
FSAE Car Electric Powertrain Analysis	M.S. Kavitha S.Anita Kameshwaran.R S Naveen Kumar A Jones Allen	EEE	TEST Engineering Management & Management	2020	0193-4120
Investigation on RSUPQC With new Converter Transformer in Distribution Networks for Power Quality Improvement	K.Naresh Kumar, Dr.S.Srinath, Y Alexander Jeevanantham, M.Thiyagesan L Annie Isabella	EEE	TEST Engineering Management & Management	2020	0193-4120
AI Based Voltage Control in Distribution System	R. Pavithra Y. Sukhi	EEE	TEST Engineering Management & Management	2020	0193-4120
Experimental studies on passive inclined solar panel absorber solar still	C. Sasikumar,A. Muthu Manokar,M. VimalaD.	EEE	Journal of Thermal Analysis and Calorimetry	2020	1588-2926

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	Prince Winston,A. E. Kabeel, Ravishankar Sathyamurthy Ali J. Chamkha				
Protection And Prediction Of Crop Yield During Natural Calamities	Ms.M. Perarasi B. Nandini, E.Elakiya	EEE	TEST Engineering Management & Management	2020	1588-2926
Increasing Efficiency of Solar Cells using Selective Irradiation	Mr.Thiyagesan M Magesh T Kavitha P Alexander Jeevanantham Y Nareshkumar K	EEE	TEST Engineering Management & Management	2020	1588-2926
Analysis of PMSG based variable speed micro wind turbine	Mr.S.Balamurugan, Ms S.Anita	EEE	TEST Engineering Management & Management	2020	1588-2926
Performance assessment of a pyramid shaped double slope solar still for enhanced distillate output	Ms.Sabari.L.UmaMaheswa M.Perarasi	EEE	TEST Engineering Management & Management	2020	1588-2926
Year around distilled water production, energy, and economic analysis of solar stills—A comparative study	A. Muthu Manokar, M. Vimala,D. Prince Winston,D. R. Rajendran,Ravishankar Sathyamurthy, A. E. Kabeel	EEE	Heat Transfer	2020	2688-4542
Concentrated solar thermal energy harvesting using Bi ₂ Te ₃ based thermoelectric generator	Y. Jeyashree Y. Sukhi A. Vimala Juliet S. Lourdu Jame S. Indirani	EEE	Materials Science in Semiconductor Processing	2020	1369-8001
An efficient FGPA architecture for reconfigurable FET processor incorporating an integration of an improved CORDIC and RADIX 2r Algorithm	Ms. M.S. Kavitha ,Dr Rangarajan	EEE	Circuits, systems and image processing	2020	0278-81X
Fourier Transform Infrared and Fluorescence Spectroscopic Analysis of H bonding variation in Human Benign and Cancerous Breast Tissues	G. Devi T Thangeeswari T.Magesh	EEE	International Journal of Pharmaceutical Research	2020	0975-2366

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Analysis of Peril and Mitigation in Engineering Education for viable Augmentation	Dr. K.A. Mohammed Junaid, Dr. S. Sudha Ms. Saabari L. Uma Mageswari	EEE	Procedia Computer Science	2020	
A comparative study of 3E (energy, exergy, and economy) analysis of various solar stills	A. Muthu Manokar M. Vimala,D Prince Winston, D. R. Rajendran Ravishankar Sathyamurthy, A. E. Kabeel	EEE	Heat Transfer	2020	2688-4542
Enhancement of potable water production from an inclined photovoltaic panel absorber solar still by integrating with flat-plate collector	A. Muthu Manokar, M. Vimala,Ravishankar Sathyamurthy A., E. Kabeel	EEE	Environment, Development and Sustainability	2020	1387-85X
Analysis of Peril and Mitigation in Engineering Education for Viable Augmentation	Dr.Mohamed Junaid K A	ECE	Procedia Computer Science	May-20	10.1016/j.procs.2020.05.063
Autonomous Drone for Shadowing and Monitoring	M.Aswini, J.Joselin Jeya Sheela , S.Rosaline , M.Velmurugan	ECE	Test Engineering & Management	Feb 20	0193-4120
Secured Banking using Multilevel Authentication by Face Recognition and SIM Card Verification for ATMs	S. Mahaboob Basha, V. Ramkumar, S. P. Vijaya Vardan Reddy, V. Bhuvaneswari, V. Praveen Kumar	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075,	Jan 20	2278-3075
A Study of Cognitive Radio Sensing Techniques for optimum Spectrum Utilization	Mr. Darwin Nesakumar, T.M.Inbamalar	ECE	Recent Advances in Computer Science & Communication	20	2666-2558
Attack Localization Task Allocation Based Scheme for Implantable Medical Devices	Ms.A. Iyswariya, Mr.V.RamKumar, Ms.K.Jeevitha, Mr.V.Praveen Kumar,	ECE	Test Engineering & Management	Feb 20	0193-4120
Design of Low Power Adders in Digital Circuits Suitable for Power Reduction in Multipliers	S. Jagadeesh Babu, A. Jawahar	ECE	International Journal of Innovative Technology and Exploring Engineering	Jan20	2278-3075

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			(IJITEE)		
An Automated Computer-aided Diagnosis System for Malignant Tumor Localization from Lung CT Images for Surgical Planning	T. Manikandan*, J.L. Mazher Iqbal, V. Nandalal, A. Muruganandham and S. Joshua Kumaresan	ECE	International Journal of Psychosocial Rehabilitation	Mar 2020	1475-7192
Synthesis and Characterisation of Magnetic Nanoparticles for Lung Cancer Detection and Therapy	T. Manikandan*, V. Nandalal, S. Joshua Kumaresan, J.L. Mazher Iqbal and A. Muruganandham	ECE	International Journal of Psychosocial Rehabilitation	Mar 2020	1475-7192
Protection of Plantation from Wild Animals Using Wireless Sensor Network	T. Manikandan*, V. Nandalal, J.L. Mazher Iqbal, S. Joshua Kumaresan and S. Karthikeyan	ECE	International Journal of Psychosocial Rehabilitation	Mar 2020	1475-7192
Low Cost Lowpower FPGA Based 2d Time To Digital Converter	Latha P ,Gayathri M, Bernice Dainty, Battu Mounika, TIndiaPriyanga S,S	ECE	Journal Of Critical Reviews	Mar 20	2394-5125
Driver To Driver Communication Using LORA	Latha Bina Mounika Divyashree. Evelin Kanimozhi Priyanga S	ECE	Journal Of Critical Reviews	Mar 20	2394-5125
Area efficient high-performance time to digital converters	P.Latha Sivakumar Y.Venkata Ramana Rao	ECE	Microprocessor and Microsystems-Elsevier	Mar 20	0141-9331
Reduction of Specific Absorption Rate using carbon foam inside enclosures	Daniel Nareshkumar.M J.Janish Blessy Darwin Nesakumar A Sadagopal Venugopal	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Jan 20	2278-3075
Enhancing Quality of Service Detection Service with Priority Approach in Medium Access Layer	K. Kannan M. Devaraju S. Rosaline	ECE	International Journal on Emerging Technologies	April 20	ISSN No. (Print): 0975-8364 ISSN No.

Title of Paper	Name of the Author/s	Department of the Teacher	Name of Journal	Year of Publication	ISSN Number
					(Online): 2249-3255
Spectrum energy detection in cognitive radio networks based on a novel adaptive threshold energy detection method	B.Sarala Rukmani Devi J.Joselin Jeya Sheela	ECE	Computer Communications, Elsevier	Feb 20	0140
AI based Crowd Monitoring System using drones for identifying anti socialites	K.Saisrinivas,K.Ramankumar, M.Somasundaram,K.Praneetha Deeepthi,T.Suresh	ECE	International Journal of Advanced Science and Technology,	April 20	5875-5879
Curriculum Design Using Artificial Intelligence (AI) Back Propagation Method	M. Somasundarama , K. A. Mohamed Junaidb Srinivasan Mangadu	ECE	Procedia Computer Science	May-20	10.1016/j.p rocs.2020. 05.020
Artificial Intelligence (AI) Enabled Intelligent Quality Management System (IQMS) For Personalized Learning Path	M. Somasundarama , P. Lathab , S.A.Saravana Pandianc	ECE	Procedia Computer Science	May-20	10.1016/j.p rocs.2020. 05.096
Autonomous Under Water Vehicle Based on Extreme Learning Machine for Sensor Fault Diagnostics	T.D. Subha. a *, T D Subashb , K.S.Claudia Janec , Devadharshini. Dd , Dhanya .I. Francise	ECE	ScienceDirect	May 20	2394–2402
Li-Fi: A Revolution in Wireless Networking	T D Subhaa *, T D Subashb , N. Elezabeth Ranic , P. Jananic ,	ECE	ScienceDirect	May 20	2394–2402
Study and Analysis of Suppress of Surface Wave Propagation in Microstrip Patch Antenna	T D Subhaa , T D Subashb , K.S.Claudia Janec , Devadharshini.Dc ,Dhanya .I. Francisc *	ECE	ScienceDirect	May 20	2394–2402
Vehicular Speed Regulation through Autonomous Braking System Embedded with Smart Insurance Facility using Iot	M. Shyam, R. SathyaVignesh, A. Sivakumar, J. Yogapriya	ECE	International Journal of Recent Technology and Engineering (IJRTE)	Jan20	5875-5879
Optical Tracking Method based on Clustering Technique under Ocean Water Cleaning System	K. Naresh Kumar Thapa T.Joel Dr. S. Sankara Gomathi, Malla Reddy ,Dr. T.Suresh	ECE	Test Engineering & Management	Feb 20	0193-4120

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	S.S Raghavendran,				
Flexible naor and reingold key- based data encryption/decryption scheme for secured remote health monitoring of cardiac patient using WBAN	Somasundaram, M Sivakumar R	ECE	International Journal of Biomedical Engineering and Technology	June 2019	10.1504/IJ BET.2019. 100555
Ai Enabled Blind Spot Detection Using Rcnm Based Image Processing	Elizabeth Angela M Thilagavathy K Soundharya R Somasundaram M	ECE	International Journal of Recent Technology and Engineering (IJRTE)	July 2019	10.35940/ij rte.B1006. 0782S519
An Improved Low-Power Coding for Serial Network-On-Chip Links	Sumitra V Sivakumar Rajagopal	ECE	Circuits, Systems and Signal Processing-Springer - August 2019	August 2019	10.1007/s0 0034-019- 01231-w
Secure energy efficient automated ticketing system	Sumitra V Iyswariya, A Latha P Jeevitha K	ECE	International Journal of Recent Technology and Engineering (IJRTE)	July 2019	
An Effective IoT based Fuel and Cost Monitoring System	Rosaline S Joselin Jeya Sheela J Hasmitha M Rajitha C H	ECE	International Journal of Recent Technology and Engineering	September 2019	10.35940/ij rte.C5431. 098319
Low Power Oriented Full Search Block Based Motion Estimation (LP-FSBME) Architecture Using Power Efficient Adder Compressor For H.265 Coding Techniques	Hemamalini B Ramadhurai R Mahaboob Basha S	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	10.35940/ij itee.A1016 .1191S19
Glove Sensor with AI system for Deaf and Blind people to ease of Communication	Suresh T Gunasekhar P Brijet Z Jasti Tejas	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	
Design of Feeding Techniques for Slotted Rectangular Microstrip Patch Antenna (RSMA)	BlesslinSheeba T Padmavathy T V Bhargava D S JagadeeshBabu S	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	10.35940/ij itee.A1077 .1191S19
IoT based Fragrance Tester	Joshua Kumaresan S	ECE	International Journal of	November	10.35940/ij

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	Nethaji Subash Chandra R Manikandan T Priyanka R Muruganandham A		Innovative Technology and Exploring Engineering	2019	itee.A1057 .1191S19
Glaucoma Detection in Retinal Images using Automatic Thresholding and Marker - Controlled Watershed Transformation	Manikandan T Satheesh Kumar S Joshua Kumaresan S Shobana Priya M S Priyanka R	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	10.35940/ijitee.A1043 .1191S19
Denoising of Medical Ultrasound Images using Wavelet Transform With Bilateral Filter	Joel T Yogapriya J	ECE	International Journal of Recent Technology and Engineering (IJRTE))	November 2019	10.35940/ijrte.D8571. 118419
Implementation of Low Power and Area Efficient Vedic Multiplier	Shobana Priya M S Manikandan T Joshua Kumaresan S Satheesh Kumar S Muruganandham A	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	10.35940/ijitee.A1042 .1191S19
Performance Efficient ALU using FINFET	Jothi D Priyanka L Nandhini I	ECE	International Journal of Recent Technology and Engineering (IJRTE)	November 2019	10.35940/ijitee.A1042 .1191S1
Triangular UWB Antenna with Reduced Ground Plane Effect	Joselin JeyaSheela J Rosaline S Aswini M Praveen Kumar V	ECE	International Journal of Innovative Technology and Exploring Engineering	November 2019	10.35940/ijitee.A4349 .119119
Identification of an Optimized Network Topology for WSN Based on Reliability and Power Efficiency	Padmavathy T V BlesslinSheeba T JagadeeshBabu S Sadagopal Venugopal	ECE	International Journal of Innovative Technology and Exploring Engineering	November 2019	10.35940/ijitee.A1048 .1191S19
Miniaturized Microstrip Patch Antenna for Microwave Imaging Application	Priyanka.R Manikandan.T Joshua kumaresan. S Muruganandham. A Karthik.S	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	10.35940/ijitee.A1044 .1191S19

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A Novel Authentication Mechanism for Cognitive Radio Networks	Sarala B Rukmani Devi D Suganthi M Jhansi Ida	ECE	International Journal of Recent Technology and Engineering (IJRTE)	November 2019	10.35940/ijrte.D6499.118419
Reinforcement Learning Based Weather Monitoring System using Arduino for Smart Environment	SathyaVignesh R Sivakumar A Shyam M Yogapriya J	ECE	International Journal of Recent Technology and Engineering	Nov 19	10.35940/ijrte.D8261.118419
Impeccable Way of Administering Anesthesia Using Brain Wave SensorInternational	JagadeeshBabu S Bhargava D S Padmavathy T V Blesslin Sheeba T	ECE	International Journal of Innovative Technology and Exploring Engineering	Nov 19	10.35940/ijitee.A1066.1191S19
Smart Classroom – A Stepping Stone In Making Digital India	Babuji R Suresh T Gunasekhar P Lukas Krishnan C M	ECE	International Journal of Recent Technology and Engineering	Nov 19	10.35940/ijrte.D9279.118419
Construction of Wireless Stethoscope with Noise Reduction Feature using Zigbee Module	Gunasekar P Vijayalakshmi S Babuji R Lukas Krishnan C M	ECE	International Journal of Innovative Technology and Exploring Engineering	Nov 19	10.35940/ijitee.A1066.1191S19
Mobile Sink Based Data Assemblage in Wireless Sensor Networks	Darwin Nesakumar A Daniel Nareshkumar M Swetha Reddy A Mugilan P	ECE	International Journal of Recent Technology and Engineering	Nov 19	10.35940/ijrte.D8261.118419
Extending Lifespan of the Network using Shortest Path Low Latency Routing Protocol (SPLLR) for Wireless Sensor Engineering	Bhargava D S Blesslin Sheeba T Padmavathy T V JagadeeshBabu S	ECE	International Journal of Innovative Technology and Exploring Engineering	Nov 19	10.35940/ijitee.A1066.1191S19
IoT Based Horn Control and Oil Purity Monitoring System in Vehicles	Jeevitha K Iyswariya A RamKumar V Praveen Kumar V	ECE	International Journal of Innovative Technology and Exploring Engineering	Nov 19	10.35940/ijitee.A1066.1191S19

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Implementation of Novel Image Restoration Technique from High Density Impulse Noise through Adaptive Max-Min Filter (IJITEE)	Sivakumar A Shyam M Sathya Vignesh R Yogapriya J	ECE	International Journal of Innovative Technology and Exploring Engineering	Dec 19	10.35940/ijitee.A1066.1191S19
Secured Wireless Transmission of Data via Encryption and Frequency Hopping	Vijay Vardhan Reddy S Padmavathy T V Bhargava D S Raghunatha Rao B Jagapathi Babu T	ECE	International Journal of Recent Technology and Engineering	Nov 19	10.35940/ijrte.D8261.118419
Microstrip spork shape patch antenna for integration into wearable textile	Ramkumar.V Mahaboob Basha S Iyswariya A Jeevitha K Praveen Kumar V	ECE	International Journal of Engineering and advanced technology	Nov 19	10.35940/ijrte.D8795.118419
An Improved Single Stage Phase Shifted Control Based AC-DC PFC Converter for Wireless Applications	Dr.N.M. Jothi Swaroopan	EIE	Wireless Personal Communications	2020	0929-6212
Performance enhancement of photovoltaic system using genetic algorithm- based maximum power point tracking	Dr.N.M. Jothi Swaroopan	EIE	Turkish Journal of Electrical Engineering & Computer Sciences	2019	1300-0632
Development of Wind-Solar Hybrid System using Multi Input KY Boost Converter Results from the Simulation Model	Dr.N.M. Jothi Swaroopan	EIE	Journal of Green Engineering	2020	1904-4720
Performance Measures of Positive Output Superlift Luo Converter Using Multitudinous Controller	Dr.N.M. Jothi Swaroopan	EIE	International Journal of Power Electronics and Drive System	2020	2088-8694
Optimal, "Control Strategy Using PV Based LUO Converter for a Micro Grid to an Unelectrified Zone	Dr.N.M. Jothi Swaroopan	EIE	Journal of Green Engineering	2020	1904-4720
Performance analysis of hybrid photovoltaic/wind energy system using KY boost converter	Dr.N.M. Jothi Swaroopan	EIE	International Journal of Power Electronics and Drive Systems	2020	2088-8694
IOT based statistical performance improvement technique on the power output of photovoltaic system	Dr.N.M. Jothi Swaroopan	EIE	Journal of Ambient Intelligence and Humanized Computing	2020	1868-5137
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Smart Monitoring and Analyzing Process Level of Boiler Water Treatment Plant	Dr.N.M. Jothi Swaroopan	EIE	International Journal of Recent Technology and Engineering	2020	2277-3878
KY Converter With Fuzzy Logic Controller For Hybrid Renewable Pv/Wind Power System	Dr.N.M. Jothi Swaroopan	EIE	Transactions on Emerging Telecommunications Technologies	2020	2161-3915
A Review on Traffic Congestion Detection Methodologies and Tools	S. A. Angayarkanni, R. Sivakumar & Y. V. Ramana Rao	IT	International Journal of Advanced Science and Technology	2019	ISSN: 2207-6360
Predicting User Preferences on Changing Trends and Innovations using SVM Based Sentiment Analysis	Dr. K. Chidambarathanu	IT	Cluster Computing The Journal of Networks, Software Tools and Applications	2019	ISSN: 1573-7543 (online)
Automatic Source Code Summarization using Semantics and Stereotypes	Ms. K. ChittiBabu	IT	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN:2277-3878(Online)
A Novel Authentication Mechanism for Cognitive Radio Network	Ms. S. Jhansi Ida	IT	International Journal of Recent Technology and Engineering (IJRTE)	2019	ISSN:2277-3878(Online)
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Resource Allocation using Multi-Agent Based Approaches in Polynimbus	J.Umamageswaran Dr. K. Balasubadra	IT	International Journal of Control and Automation	2019	ISSN: 2005-4297
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	R.Yuva rani				
Development of Conversational user Interface using Dialogflow for NEET Examination and Online Medical Counseling	M Sheerin Banu R.Thilagavathy	IT	TEST Engineering and Management	2020	0193-4120
PFR Based Technique to Detect Intruder in MANET	Sankara Narayanan S, K. Chidambarathanu Meena L C	IT	Journal of Advanced Research in dynamical & control systems	2020	1943-023X
An Android-based Food Waste Management Application	B. Prathusha Laxmi, D. Nikhil Kumar Reddy, Cirandur Kiran S. Arvinth B. Bhavashri	IT	Journal of Xidian University	2020	1001-2400
IoT Based Digital Home Security System Using Hog Algorithm	B. Prathusha Laxmi Arthi Jennifer.F Harini.K.S Lakshmi Nila.S	IT	Journal of Xidian University	2020	1001-2400
Digital Image Watermarking System Based On Image Processing Techniques	R. Rajitha Jasmine S. Aishwarya Lakshmi J.S. Sheeja Philip S. Saireethika Ashok kumar	IT	Journal of Xidian University	2020	1001-2400
A Heuristic Research on Detecting Suspicious Malware Pattern in Mobile Environment	G Maria Jones J L Ancy Geoferla S Godfrey Winster	IT	TEST Engineering and Management	2020	0193-4120
Diabetes Prediction System Using Ensemble Learning for Pima Indian Dataset	Ancy Geoferla L Swathi K Praveswari K Umamageswari A	IT	Journal of Xidian University	2020	1001-2400
Salt Generation Technique with NGROK Mechanism for Secured Transfer Protocol	S.A.Angayarkanni, P.Subashree, P.Shivani, K.S. Vinitha, S.Sowmya	IT	Journal of Xidian University	2020	1001-2400

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An Effective Analysis For Student Job Opportunities Using Multiple Linear Regression Model	J.Umamageswaran, S.MohanRaj Allamadhev M. Rahul , Logesh	IT	Journal of Xidian University	2020	1001-2400
Android Application For Blind and Visually Impaired People	K Chitti Babu G Anusha P Navya	IT	Journal of Xidian University	2020	1001-2400
Internet Of Things Based Air Pollution Monitoring System	K Chitti Babu Arjun, A Reshmi, D Lakshmi Priya, K Mahitha	IT	Journal of Xidian University	2020	1001-2400
Stroke Password Protection for E-commerce Application	Ms. Jhansi Ida N. Aishwarya S. Jayasri K. Keerthana	IT	Journal of Xidian University	2020	1001-2400
Experimental study on diesel engine working characteristics using yellow oleander biodiesel with the effect of different injection timings	Kuppusamy Rajan & Krishnan Ramachandran Senthil Kumar	Mechanical	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020	15567230, 15567036
Role of nano-silica in tensile fatigue, fracture toughness and low-velocity impact behaviour of acid-treated pineapple fibre/stainless steel wire mesh-reinforced epoxy hybrid composite	Dinesh Thiyagarajan, Kadirvel A, Hariharan P	Mechanical	Materials Research Express.	2020	2053-1591
Experimental investigation on the thermal performance of heat pipe solar collector (HPSC)	N.Jayanthi, R.Suresh Kumar GopaluKarunakaran, M.Venkatesh	Mechanical	Materials today: Proceedings	2019	22147853
Machining Performance Optimization For Minimizing Material Losses By Thickness Variation Method	Palani Subbiah, Jayabalan C Logesh M Gomalavalli Ramesh	Mechanical	International Journal of Engineering and Advanced Technology	Sep 2019	2249 – 8958
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Micro controller based smart helmet by Ir Motion Sensors	Palani Subbiah Vijayakumar Dharmaraj Gomalavalli Ramesh Jayabalan C	Mechanical	International Journal of Engineering and Advanced Technology	Sep 2019	2249 – 8958
Reducing Down time for Engine Block washing machine	Selvam M Palani S Logesh M Ramesh G Jayabalan	Mechanical	International Journal of Engineering and Advanced Technology	Sep 2019	2249 – 8958
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Measurement and analysis of thrust force and delamination in drilling glass fiber reinforced polypropylene composites using different drills	M.Mudhukrishnan, P.Hariharan ,K.Palanikumar	Mechanical	Measurement	2019	0263-2241
Experimental Exploration of Hybrid Metal Matrix Composite using Abrasive Water Jet Machining	Barath M Rajesh S Duraimurugan P	Mechanical	International Journal of Engineering and Advanced Technology (IJEAT)	December, 2019	2249 – 8958
Design of Manure Spreader Machine for agricultural farm field	Sengottaian K Mohanrajhu N Palani S Jayabalan C	Mechanical	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019	2278-3075
Design and Fabrication of Evaporative cooling Air Conditioner in Tractor Cabin	P.Ramesh, V.Deepak Balaji R.Ganesh Kumar S.Aakash Sundar	Mechanical	International Research Journal Of Multidisciplinary Technovation (Irjmt)	July 2019	2582-1040
Delamination Analysis in Drilling of Carbon Fiber Reinforced Polypropylene (CFR-PP) Composite Materials	M.Mudhukrishnan, P.Hariharan, K.Palanikumar	Mechanical	Materials today: Proceedings	August 2019	22147853

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Taguchi Optimization of Cutting Parameters for Surface Roughness and Material Removal Rate in Turning Operation	K. Partheeban P. Ramesh Dr. S. Chockalingam	Mechanical	International Research Journal of Engineering and Technology (IRJET)	June 2019	e-ISSN: 2395-0056 p-ISSN: 2395-0072
Thermo-Mechanical and Wear Behaviour of Surface-Treated Pineapple Woven Fibre and Nano-Silica Dispersed Mahua Oil Toughened Epoxy Composite	T. Dinesh A. Kadirvel P. Hariharan	Mechanical	Silicon	January 2020	1876-990X
Thermal analysis of two-phase closed thermosyphon (TPCT) using nanofluids	R.Suresh kumar, S.Tharves Mohideen,N. Jayanthi,M. Venkatesh	Mechanical	Materials today: Proceedings	June 2020	22147853
Analysis of Performance, Combustion and Emission Characteristics of Multi-Cylinder CRDI Engine using Palm Oil Methyl Ester (POME) as a Fuel	Kalaiselvam V Rajesh S Sivakkumar G	Mechanical	TEST Engineering & Management	Jan - Feb 2020	0193 - 4120
Thermal Stress Analysis Of Integrated Combustion Engine Piston Using Cae Tools (Aluminum Silicon Alloy, Aluminum Silicon Alloy Steel)	S. Sathishkumar M. Kannan, R.L. Sankarlal	Mechanical	Acta Mechanica Malaysia (AMM)	June 2020	2616-4302
Design and Analysis of Multi Operation Farming Rover	Muralidharan K Suresh Kumar R Saravanan S	Mechanical	TEST Engineering & Management	Jan - Feb 2020	0193 - 4120
Development of Solar Water Heater using Product Development Approach	Partheeban K, S Chockalingam	Mechanical	TEST Engineering & Management	Jan - Feb 2020	0193 - 4120
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Design And Modelling Of Self Balancing Electric Two-Wheeler Using Gyroscope	Madhankumar S, Rajesh S Balamurugan R Prawin Sankar T A, Shibin Thomas S, Nishar Ahamed B, Muhammad Nayeem M	Mechanical	Journal of Critical Reviews	May 2020	2394-5125
Performance assessment of DI diesel engine using waste transformer oil with different compression ratios	K. Rajan A. Manoj Babu Ravichandraganesh Paladi , S. Nallusamy K. R.Senthil Kumar	Mechanical	International Journal of Ambient Energy	2020	1430750
Unique isolated domination in graphs	Ms.V.Nirmala	Mathematics	Malaya journal of matematik	2019	2319–3786
Synthesis of a metal coordinated amino acid based nonlinear single crystal, Bis (l-threonine) zinc (II) using the solution growth technique and its physicochemical properties	Dr.R.Subhashini	Physics	Journal of Physics and Chemistry of solids	2019	0022-3697
Growth, Structure and Spectroscopic Studies of an Organic Optical Material: Benzimidazole Benzimidazolium Picrate Crystal	Mr.A.Jagadesan	Physics	Journal to Advanced Materials Proceedings	2019	0935-9648
Blooming Electronic Gadgets is Boon or Bane?-A critical Review	Dr.M.Meena(Professor) & Dr.A.Vijayalakshmi	chemistry	Cikitusi Journal for Multidisciplinary Research, Volume 6, Issue 6, June 2019	2019	0975-6876
Bio-Electronics-A revolution in Science-A Review	Dr.A.Vijayalakshmi, & Dr.M.Meena	chemistry	Cikitusi Journal for Multidisciplinary Research, Volume 6, Issue 6, June 2019	2019	0975-6876
Tunnel of Troubles	Dr.S.Anita Evelyn	English	Contemporary Literary Review India eISSN 2394-6075 Vol 6, No 4: CLRI	2019	2394-6075

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An Elegy of a Leader	Dr.S.Anita Evelyn	English	International Journal of Emerging Technologies and Innovative Research (www.jetir.org UGC and ISSN Approved)) ISSN:2349-5162,	2019	2349-5162
A Study of Indian Short Stories written in English with special reference to the short stories of R K Narayan	Dr.T.Smiles	English	Scopus - Literary Endeavour UGC Approved Quarterly International Refereed Journal of English Language, Literature and Criticism. UGC approved Under Arts and Humanities Journal No 44728	2019	2394-6075
What is so important about Rex? in James Thurber's Snapshot of a Dog	Ms.R.Jeyalakshmi	English	Scopus - Literary Endeavour UGC Approved Quarterly International Refereed Journal of English Language, Literature and Criticism. UGC approved Under Arts and Humanities Journal No 44728	2019	0976-299X
Changing Paradigms of Engineering Education- An Indian Perspective	Dr.S.Pavai Madheswari. Dr.S.D. Uma Maheswari	Mathematics, Chemistry	Procedia Computer Science	2020	1877-0509
Numerical Study on Mass Transfer Flow of Chemically Reacting	Dr.N.Golden Stepha	Mathematics	Journal of Engineering Mathematics & Statistics	2020	0976-8165
Unique isolated perfect domination in graphs	Ms.V.Nirmala	Mathematics	TEST engineering and management	2020	0193 - 4120
Enhanced Optical, Mechanical, Photoacoustic and Third-Order Nonlinear Property of Pure and Crystal Violet (CV) Dye Incorporated Anthracene Crystal: An Efficacious Material for Nonlinear Optical Applications	P S Latha Mageshwari	physics	Applied Physics B: Laser and Optics	2020	9462171
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Microbeads	Dr.M.Meena & Dr.A.Vijayalakshmi	Chemistry	Waffen-Und Kostumkunde Journal	2020	: 0042-9945
Knowledge Management Practices and Knowledge Management Practices and Organisational Performance in Manufacturing Companies	Dr.S.D. Uma Maheswari	Chemistry	TEST Engineering and Management	2020	0193-4120
Effect of Sulfur-Containing Amino Acid Stabilizers on the Surface Morphology of Eco Friendly Electroless Nano Copper Deposition	Dr.P. Balaramesh, Dr.V.Srinivasan, Dr.R. Thinesh Kumar	Chemistry	TEST Engineering and Management	2020	0193-4120
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Influence of Azole Additives on Autocatalytic Copper Thin Film Deposition	Dr.P. Balaramesh	Chemistry	Journal of Xidian University	2020	1001-2400
Electrochemical properties of mercapto additives on ecofriendly electroless copper thin film deposition (second author)	V.Srinivasan, P. Balaramesh, R. Thinesh kumar P. Malini Anandraj	Chemistry	Journal of Xidian University	2020	1001-2400
Auto catalytic copper playing process on non-conducting epoxy resin plate	Dr.P. Balaramesh	Chemistry	Journal of emerging technology and industrial research	2020	2250-2459
Cradle to Grave of Materials	Dr..A.Vijayalakshmi & Dr.M.Meena	Chemistry	Test Engineering and Management	2020	0193-4120
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Re-Reading of Eco-Spirituality in Barbara Kingsolver's Prodigal Summer	Ms. V S Binu	English	Journal of Xidian University	2020	1001-2400
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