

LIST OF JOURNAL PUBLICATIONS

Sl. No.	Title of paper	Name of the author/s	Department	Name of journal	Year of publication
1	A Review on State-of-the-Art Techniques for Image Segmentation and Classification for Brain MR Images.	Dr. Aswathy SU	AD	Curr. Med. Imaging	2022-2023
2	Deep learning models and traditional automated techniques for brain tumor segmentation in MRI: a review	Ms. Parvathy Jyothi	AD	Artificial Intelligence Review	2022-2023
3	Identification of Pedestrian Crash Prone Locations and Mitigation Measures	Ms. Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2022-2023
4	Impact of heating cooling regime on flexural behaviour of self-compacting beams exposed to elevated temperatures	Dr. Alwyn Varghese	CE	Materials Today Proceedings	2022-2023
5	Spectrum of corona products based on splitting graphs	Dr. Sunny Joseph Kalayathankal	CSE	Discrete Mathematics, Algorithms and Applications	2022-2023
6	InGaAs based gratings for UV-VIS spectrometer in prospective mRNA vaccine research	Dr. Prajoon P	ECE	Optical and Quantum Electronics	2022-2023
7	Physics based modeling of AlGaIn/BGaIn quantum well based ultra violet light emitting diodes.	Dr. Prajoon P	ECE	Optical and Quantum Electronics	2022-2023
8	Influence of Interface trap distributions over the device characteristics of AlGaIn/GaN/AlInN MOS-HEMT using Cubic Spline Interpolation technique	Dr. Prajoon P	ECE	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2022-2023
9	Trustworthy Scan Design and Testability Using Obfuscation and Logic Locking Scheme for Wireless Network Application	Shiny M I	ECE	Mobile Networks and Applications	2022-2023



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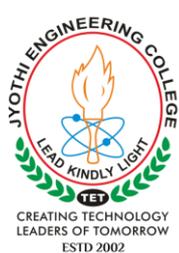
A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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10	Corporate social responsibility of Canara Bank – a systematic status review	Dr. Jarin T	EEE	International Journal of Business Information Systems	2022-2023
11	PI Controller Based Switching Reluctance Motor Drives using Smart Bacterial Foraging Algorithm	Dr. Jarin T	EEE	EAI Endorsed Transactions on AI and Robotics	2022-2023
12	Hybridization of long short-term memory with Sparrow Search Optimization model for water quality index prediction	Dr. Jarin T	EEE	Chemosphere	2022-2023
13	Modeling and control of a hybrid electric vehicle to optimize system performance for fuel efficiency	Dr. Jarin T	EEE	Sustainable Energy and Technologies Assessments	2022-2023
14	Adsorptive sequestration of noxious uranium (VI) from water resources: A comprehensive review	Dr. Jarin T	EEE	Chemosphere	2022-2023
15	Synthesis of biodiesel from castor oil catalyzed by sodium hydroxide dispersed on bentonite	Dr. Jarin T	EEE	Sustainable Energy and Technologies Assessments	2022-2023
16	Intelligent wild geese algorithm with deep learning driven short term load forecasting for sustainable energy management in microgrids	Dr. Jarin T	EEE	Sustainable Computing: Informatics and Systems	2022-2023
17	Fuel vehicle improvement using high voltage gain in DC-DC boost converter	Dr. Jarin T	EEE	Renewable Energy Focus	2022-2023
18	Effects of long-term exercise training on physiological signals and personality traits in women in law enforcement	Dr. Jarin T	EEE	Journal of Intelligent & Fuzzy Systems,	2022-2023
19	Liver Tumor Classification Using Optimal Opposition-Based Grey Wolf Optimization	Dr. T Jarin	EEE	International Journal of Pattern Recognition and Artificial Intelligence	2022-2023
20	A Composite Medical Image Optimization Scheme Using Honey Encryption and Antlion Algorithms for Secured Diagnostic Systems	Dr. T Jarin	EEE	International Journal of Pattern Recognition and Artificial Intelligence	2022-2023



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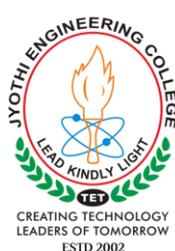
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21	Novel L2CL-LCL Topology for Wireless Power Transmission PMSM Powered Electrical Vehicle	Jenson Jose	EEE	Intelligent Automation & Soft Computing	2022-2023
22	Numerical investigation on fully-developed heat transfer augmentation and friction factor with dimple shaped intrusion and different radius of curvatures on triangular ducts	Dr. B. Deepanraj	ME	Applied Thermal Engineering	2022-2023
23	Thermal and thermo-mechanical studies on seashell incorporated Nylon-6 polymer composites	Dr. B. Deepanraj	ME	Journal of Materials Research and Technology	2022-2023
24	Prediction-optimization of the influence of 1-pentanol/jatropha oil blends on RCCI engine characteristics using multi-objective response surface methodology	Dr. B. Deepanraj	ME	Renewable Energy Focus	2022-2023
25	Iron Oxide Nanoparticles Synthesis From Vermicomposting Leachate and its Antioxidant Activities	Dr. B. Deepanraj	ME	Frontiers in Materials	2022-2023
26	Production of HMF and DMF biofuel from carbohydrates through catalytic pathways as a sustainable strategy for the future energy sector	Dr. B. Deepanraj	ME	Fuel	2022-2023
27	Green energy for environmental sustainability	Dr. B. Deepanraj	ME	Environmental Science and Pollution Research	2022-2023
28	Forecasting of future greenhouse gas emissions trajectory for India using energy and economic indexes with various metaheuristic algorithms	Dr. B. Deepanraj	ME	Journal of Cleaner Production	2022-2023
29	Investigation of the adsorption performance of cationic and anionic dyes using hydrocharred waste human hair	Dr. B. Deepanraj	ME	Biomass Conversion and Biorefinery	2022-2023



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30	Karanja oil transesterification using green synthesized bimetallic oxide catalyst, gCaO-CeO ₂ : Comparative investigations with the monometallic oxide catalysts on the catalytic efficacy and stability	Dr. B. Deepanraj	ME	Fuel	2022-2023
31	Second law based thermodynamic analysis of crushed gravel sand and biomass evaporator assisted solar still	Dr. B. Deepanraj	ME	Sustainable Energy Technologies and Assessments	2022-2023
32	Thermal performance, cost effectiveness and environmental analysis of a heat pump assisted regenerative solar still using slack wax as heat storage material	Dr. B. Deepanraj	ME	Sustainable Energy Technologies and Assessments	2022-2023
33	Assessment of single slope solar still using block and disc magnets via productivity, economic, and environmental perspectives: a comparative study	Dr. B. Deepanraj	ME	Environmental Science and Pollution Research	2022-2023
34	Investigation of anaerobic degradability and biogas production of the starch and industrial sewage mixtures	Dr. B. Deepanraj	ME	Sustainable Energy Technologies and Assessments	2022-2023
35	Simultaneous carbon dioxide reduction and methane generation in biogas for rural household use via anaerobic digestion of wetland grass with cow dung	Dr. B. Deepanraj	ME	Fuel	2022-2023
36	Anthocyanin pigment-based dye-sensitized solar cells with improved pH-dependent photovoltaic properties	Dr. B. Deepanraj	ME	Sustainable Energy Technologies and Assessments	2022-2023
37	Processing of nanoreinforced aluminium hybrid metal matrix composites and the effect of post-heat treatment: a review	Nice Menachery, B. Deepanraj	ME	Applied Nanoscience	2022-2023



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38	Islanding power quality detection using lighting search optimization with deep learning model on distributed generation systems	Praveen Raj	ME	Renewable Energy Focus	2022-2023
39	A critical evaluation of additive blended cashew nut shell liquid blended biodiesel performance in compression ignition engine	Praveen Raj	ME	Environment, Development and Sustainability	2022-2023
40	Thermal and thermo-mechanical studies on seashell incorporated Nylon-6 polymer composites	Suneeth Sukumaran, B. Deepanraj	ME	Materials Today: Proceedings	2022-2023
41	Influence of Toughness and Retained Austenite on Wear Behaviour of Carbide-Free Bainite in High Silicon Steel	Dr. Anand Krishnan N	MR	Transactions of the Indian Institute of Metals	2022-2023
42	Comprehensive Review on Modelling, Estimation, and Types of Faults in Solar Photovoltaic System	Dr. C Karthik	RA	International Journal of Photoenergy	2022-2023
43	Identifying Influencing Factors of Road Accidents in Emerging Road Accident Blackspots	Dr. C Karthik	RA	Advances in Civil Engineering	2022-2023
44	A Smartphone Application for Skin Lesion Detection and Classification with Deep Learning Algorithms	Dr. C Karthik	RA	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2022-2023
45	A study on agricultural engineering equipment in South Tamilnadu using linear regression	Dr. C Karthik	RA	Bulletin of Electrical Engineering and Informatics (BEEI)	2022-2023
46	Big data visualization for in-situ data exploration for sportsperson	Dr. C Karthik	RA	Computers and Electrical Engineering	2022-2023
47	Context-Aware Augmented Reality Using Human-Computer Interaction Models	Dr. C Karthik	RA	Journal of Control and Decision	2022-2023
48	Institutionalizing Open Science in Africa: Limitations and Prospects	Dr. C Karthik	RA	Frontiers in Research Metrics and Analytics	2022-2023



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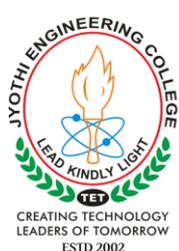
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49	A Review on State-of-the-Art Techniques for Image Segmentation and Classification for Brain MR Images	Dr. Aswathy SU	AD	Current Medical Imaging	2021-2022
50	Information Criteria Based Partitioned Iterative X Mean Dice Correlation Clustering Algorithm for Big Geo Social Data	Dr. Aswathy SU	AD	Turkish Journal of Electrical Engineering and Computer Science	2021-2022
51	A Hybrid Method for the Detection of Skin Cancer Using Deep learning and Improved HHO Form Dermoscopic Image	Dr. Aswathy SU	AD	Turkish Journal of Electrical Engineering and Computer Science	2021-2022
52	Deep Learning Based Detection and Passive Enforcement System for Helmet in Two Wheelers	Dr. Aswathy SU	AD	Transaction on innovation in Science and Technology	2021-2022
53	Study and Evaluation of Solar Water Distillation with parabolic Disc experimental setup by using Hybrid Nanoparticles	Dr. Aswathy SU	AD	Transaction on innovation in Science and Technology	2021-2022
54	Autonomous Intelligent Vehicles (AIV): Research statements, open issues, challenges and road for future	Dr. Aswathy SU	AD	International Journal of Intelligent Networks	2021-2022
55	Application of Queueing Theory in Transportation	Vincy Verghese	CE	International Journal of Engineering Research & Technology (IJERT)	2021-2022
56	The vertex distance complement spectrum of subdivision vertex join and subdivision edge join of two regular graphs	Dr. Sunny Joseph Kalayathankal	CSE	Ural Mathematical Journal	2021-2022
57	N-Cylindrical Fuzzy Neutrosophic Sets	Dr. Sunny Joseph Kalayathankal	CSE	International Journal of Neutrosophic Sciences	2021-2022
58	Machine Learning Assisted Parameter Tuning for a L2CL-LCL Compensation WPT System.	Dr. Jose P Therattil	ECE	International Journal of Performability Engineering	2021-2022



59	Emission Characteristics of Third Grade Oil Converted Sesame Biodiesel	Dr. Cijil B. John	ME	International Journal of Vehicle Structures & Systems	2021-2022
60	Recent progress in nanomaterials modified electrochemical biosensors for detection of microRNA	Dr. Deepanraj B.	ME	Micromachines	2021-2022
61	Technologies for Water Quality and Wastewater Management in Developing Countries	Dr. Deepanraj B.	ME	Water Sci Technol	2021-2022
62	Thematic issue: Bioenergy and biorefinery approaches for environmental sustainability	Dr. Deepanraj B.	ME	Biomass Conversion and Biorefinery	2021-2022
63	Biodiesel production from Capparis spinosa L seed oil using calcium oxide as a heterogeneous catalyst derived from oyster shell	Dr. Deepanraj B.	ME	Materials Today: Proceedings	2021-2022
64	Sintering parameters consequence on microstructure and hardness of copper alloy prepared by powder metallurgy	Dr. Deepanraj B.	ME	Materials Today: Proceedings	2021-2022
65	Synthesis and characterisation of lipase immobilised magnetic nanoparticles and its role as a catalyst in biodiesel production	Dr. Deepanraj B.	ME	Materials Today: Proceedings	2021-2022
66	Flamability and fire retardency of composites	Nikhil N.S.	ME	Journals of Textiles and apparel, Technology and Management	2021-2022
67	Thermodynamic analysis of single slope solar still using graphite plates and block magnets at seasonal climatic conditions	Praveen Raj	ME	Water Sci Technol	2021-2022
68	Tensile and shear strength evaluation in joining dissimilar plates of mild steel with aluminium alloy through explosive cladding approach	Praveen Raj, Manoj Kumar V. K, Sukesh O. P	ME	Materials Today Proceedings	2021-2022



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69	Machine Learning for Modeling and Control of Industrial Clarifier Process	Dr. Karthik C.	RA	Intelligent Automation & Soft Computing	2021-2022
70	Psychological behavior signal analysis for sports person during their activity session.	Karthik, C	RA	Journal of Intelligent & Fuzzy Systems,	2021-2022
71	Optimized hybridized mathematical model for wastewater treatment and energy generation using microbial fuel cells.	Karthik, C	RA	Sustainable Energy Technologies and Assessments	2021-2022
72	AARIN: Affordable, accurate, reliable and innovative mechanism to protect a medical cyber-physical system using blockchain technology	Aswathy SU	AD	International Journal of Intelligent Networks	2020-2021
73	Automated Detection and Classification of Meningioma Tumor from MR Images Using Sea Lion Optimization and Deep Learning Models	Aswathy SU	AD	Axioms	2020-2021
74	A multimodal biometric authentication scheme based on feature fusion for improving security in cloud environment	Dr Aswathy SU	AD	Journal of Ambient Intelligence and Humanized Computing	2020-2021
75	A tumour segmentation approach from FLAIR MRI brain images using SVM and genetic algorithm	Dr Aswathy SU	AD	International Journal of Biomedical Engineering and Technology	2020-2021
76	Retraction Note to: A multimodal biometric authentication scheme based on feature fusion for improving security in cloud environment	Dr Aswathy SU	AD	Journal of Ambient Intelligence and Humanized Computing	2020-2021
77	Integrating Blockchain Technology and Artificial Intelligence: Synergies, Perspectives, Challenges and Research Directions	Dr. Aswathy SU	AD	Journal of Information Assurance and Security	2020-2021
78	A Novel Approach to White Light Radiation From Silicon Based Tunnel Junction LEDs	Dr. Aswathy SU	AD	Silicon	2020-2021



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79	A Tumor Segmentation Approach From Flair MRI Brain Images Using SVM and Genetic Algorithm	Dr. Aswathy SU	AD	International Journal of Biomedical Engineering and Technology	2020-2021
80	A Multimodal Biometric Authentication Scheme based on Feature Fusion for improving security in Cloud Environment.	Dr. Aswathy SU	AD	Journal of Ambient and Humanized Computing	2020-2021
81	Brain Tumor Detection and Segmentation Using A Wrapper Based Genetic Algorithm For Optimized Feature Set	Dr. Aswathy SU	AD	Cluster computing	2020-2021
82	An Improved Segmentation Algorithm From T2 and FLAIR Multimodality MRI Brain Images by Support Vector Machine and Genetic Algorithm	Dr. Aswathy SU	AD	Cogent Engineering	2020-2021
83	SIFT based QLRBP local descriptor for color images	Dr. Aswathy SU	AD	Journal of Critical Review	2020-2021
84	Imograph-sentimental analysis to detect stress and behaviour of students and employee using EEG and SVM	Dr. Aswathy SU	AD	International Journal of computing communication and networking	2020-2021
85	Investigation of the Post-Fire Performance and Flexural Behaviour Modeling of FRC Exposed to a Standard Fire	Alwyn Varghese	CE	Structural Engineering International, 2021	2020-2021
86	Influence of Fiber on Shear Behavior of Concrete Exposed to Elevated Temperature	Dr. Alwyn Varghese	CE	"International Journal of Engineering: Basics, Applications and Aspects	2020-2021
87	Determination of Stream Equivalency Factor for Toll Plaza	Vincy Verghese	CE	International Journal for Scientific Research & Development (IJSRD)	2020-2021
88	Performance improvement for metro passenger flow forecast using spatio-temporal deep neural network	Dr. Vinith R	CSE	Neural Computing and Applications	2020-2021
89	Strongly Connected Interval Valued Fuzzy Graphs	Sunny Joseph	CSE	Advances in Mathematics: Scientific Journal	2020-2021



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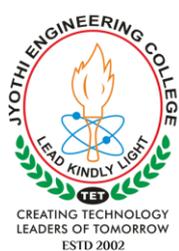
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		Kalayathankal			
90	A modified fuzzy approach to project team selection	Sunny Joseph Kalayathankal	CSE	Soft Computing Letters	2020-2021
91	Early detection of breast malignancy using wavelet features and optimized classifier	Anoop V	ECE	International Journal of Imaging Systems and Technology	2020-2021
92	Exploitation whale optimization based optimal offloading approach and topology optimization in a mobile ad hoc cloud environment	Dr. Anoop V	ECE	Journal of Ambient Intelligence and Humanized Computing	2020-2021
93	Super-Resolution Based Automatic Diagnosis of Retinal Disease Detection for Clinical Applications	Dr. Anoop V	ECE	Neural Processing Letters	2020-2021
94	CCGPA-MPPT: Cauchy preferential crossover-based global pollination algorithm for MPPT in photovoltaic system	Dr. Anoop V	ECE	Progress in Photovoltaics	2020-2021
95	Exploitation whale optimization based optimal offloading approach and topology optimization in a mobile ad hoc cloud environment	Dr. Anoop V	ECE	Journal of Ambient Intelligence and Humanized Computing	2020-2021
96	Potential of Driver Physiological Measures for Assessing Non-Urban Highway Geometry	Dr. JOSE P THERATTIL	ECE	AIJR Proceedings	2020-2021
97	Optical Grating Techniques for MEMS based Spectrometer -A Review	Dr. Prajoon P	ECE	IEEE Sensors Journal	2020-2021
98	Numerical investigation of traps and optical response in III-V nitride quantum LED	Dr. Prajoon P	ECE	Optical and Quantum Electronics	2020-2021
99	A Numerical Investigation of Heat Suppression in HEMT for Power Electronics Application"	Dr. Prajoon P	ECE	Silicon	2020-2021



100	Influence of Interface trap distributions over the device characteristics of AlGa _N /Ga _N /AlIn _N MOS-HEMT using Cubic Spline Interpolation technique"	Prajoon P	ECE	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2020-2021
101	The review and investigation of sustainable 13-level multilevel inverter control strategies	Dr. Jarin T	EEE	World Review of Science, Technology and Sustainable Development	2020-2021
102	An Empirical Verification of the Proposed Distributor Marketing Intelligence System (DMiS) Model	Dr. Jarin T	EEE	International Journal of Business Information Systems	2020-2021
103	An overview of security issues in Internet of Things based smart environments	Dr. Jarin T	EEE	EAI	2020-2021
104	Unified design method of time delayed PI controller for first order plus dead-time process models with different dead-time to time constant ratio	Dr. Jarin T	EEE	ARCHIVES OF CONTROL SCIENCES	2020-2021
105	Biodegradation of P-nitro phenol using a novel bacterium Achromobacter denitrificans isolated from industrial effluent water	Dr. Jarin T	EEE	Water Sci Technol	2020-2021
106	An elitist control scheme for power flow management in smart grid system: a hybrid optimization scheme	Dr. Jarin T	EEE	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020-2021
107	Performance comparison of estimation-based control schemes for hybrid systems	Dr. Shijoh V	EEE	Transactions of the Institute of Measurement and Control	2020-2021
108	Intelligent Parking Management System using Dijkstra's Algorithm with Driver Preferences	Dr. Jarin T	EEE	TEST Engineering & Management	2020-2021
109	Synthesis and characterization of L-threonine ammonium bromide: grown on single crystal with experimental studies on NLO	Dr. Jarin T	EEE	Bulletin of Materials Science	2020-2021



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110	Analysis of combustion, emission and performance attributes of hemp biodiesel on a compression ignition engine	Dr. Cijil B. John	ME	World Review of Science, Technology and Sustainable Development	2020-2021
111	The Expansion of Lignocellulose Biomass Conversion Into Bioenergy via Nanobiotechnology	Dr. Deepanraj B.	ME	Frontiers in Nanotechnology	2020-2021
112	Biogas from food waste through anaerobic digestion: optimization with response surface methodology	Dr. Deepanraj B.	ME	Biomass Conversion and Biorefinery	2020-2021
113	Cashew nut shell liquid as alternate fuel for CI engine – optimization approach for performance improvement	Dr. Deepanraj B.	ME	Biomass Conversion and Biorefinery	2020-2021
114	Thematic issue: energy provision from organic by-products, residues, and wastes in Asia	Dr. Deepanraj B.	ME	Biomass Conversion and Biorefinery	2020-2021
115	Influence of fatty acid composition on process optimization and characteristics assessment of biodiesel produced from waste animal fat	Dr. Deepanraj B.	ME	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020-2021
116	Production, optimization and engine characteristics of beef tallow biodiesel rendered from leather fleshing and slaughter house wastes	Dr. Deepanraj B.	ME	Biomass Conversion and Biorefinery	2020-2021
117	Investigation on single crystal by tartaric acid-barium chloride: growth and characterization of novel NLO materials	Dr. Deepanraj B.	ME	Bulletin of Materials Science	2020-2021
118	Investigation and Optimization of Machining Parameters Influence on Surface Roughness in Turning AISI 4340 Steel	Dr. Deepanraj B.	ME	FME Transactions	2020-2021
119	Integration of sensors for dam water quality analysis—a prototype.	Karthik, C	RA	Water Science and Technology.(SCI)	2020-2021



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120	IoT Based Smart Bus System using wireless sensor networks. (Vol. 1937, No. 1, p. 012017). IOP Publishing.(Scopus)	Karthik, C	RA	In Journal of Physics: Conference Series	2020-2021
121	Accurate Magnetic Resonance Image Super-Resolution Using Deep Networks and Gaussian Filtering in the Stationary Wavelet Domain.	Karthik, C	RA	IEEE Access	2020-2021
122	Dual band transceiver of 1x2 grid pattern printed on fabric woven and cancer detection by composites.	Karthik, C	RA	Materials Today: Proceedings	2020-2021
123	Adaptive Decentralized Tracking Control for Nonlinear Large-Scale Systems.	Karthik, C	RA	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	2020-2021
124	Modified Cascade controller design for unstable processes with large dead time	Karthik, C	RA	IEEE Access	2020-2021
125	LBA using Blockchain	Bineesh M	AD	International Journal of Trend in Scientific Research and Development	2019-2020
126	Investigation on the performance of fiber reinforced concrete subjected to standard fire exposure	Alwyn Varghese	CE	World Journal of Engineering	2019-2020
127	Diabetic Retinopathy Detection using Neural Networking	Anil Antony	CSE	International Journal of Trend in Scientific Research and Development (IJTSRD)	2019-2020
128	Automating the Drug Dosage of Tacrolimus for Liver, Renal Transplant Patients using Neural Network	Aswathy Wilson	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-2020
129	Blind-Assist	Aswathy Wilson	CSE	International Journal of Scientific Research & Engineering Trends	2019-2020
130	Library Management System	Fepslin Athish Mon S	CSE	International Journal Of trend in Scientific research and Development	2019-2020



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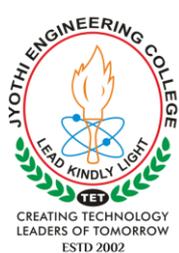
A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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131	Performance Analysis of different Classifiers for Earthquake prediction: PACE"	Ninu Francis	CSE	International Journal of Innovative Research in Technology, IJIRT	2019-2020
132	Review analysis of products and recommendation system	Sajitha I	CSE	International Journal of Trend in Scientific Research and Development	2019-2020
133	KYC using Block Chain	Swapna B Sasi	CSE	International Journal of Trend in Scientific Research and Development	2019-2020
134	Enhanced sparse representation classifier for text classification	Unnikrishna n P	CSE	Expert Systems with Applications	2019-2020
135	Super-Resolution Based Automatic Diagnosis of Retinal Disease Detection for Clinical Applicatio	Anoop V	ECE	Neural Processing Letters, Springer	2019-2020
136	Impact of AllnN Back-Barrier Over AlGa _N /Ga _N MOS-HEMT With HfO ₂ Dielectric Using Cubic Spline Interpolation Technique	Prajoon P	ECE	IEEE Transaction on Electron Devices	2019-2020
137	A Numerical Investigation of Heat Suppression in HEMT for Power Electronics Application	Prajoon P	ECE	Silicon	2019-2020
138	Optical Grating Techniques for MEMS based Spectrometer - A Review	Prajoon P	ECE	IEEE Sensors Council	2019-2020
139	Domestic Language Accent Detector Using MFCC and GMM	Roshni Rajan	ECE	International Journal of Applied Engineering Research	2019-2020
140	CAD Systems for Automatic Detection and Classification of Covid-19 in Nano CT Lung Image by Using Machine Learning Technique	Dr Jarin T	EEE	International Journal of Pharmaceutical Research	2019-2020
141	Segmentation by fractional order darwinian particle swarm optimization based multilevel thresholding and improved lossless prediction based compression algorithm for medical images	Dr Jarin T	EEE	IEEE Access	2019-2020



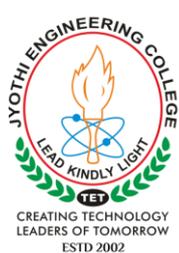
142	Neural Proliferation using Brain stimulation Methods Intended for Pediatric Neuropsychiatric Population: A Hypothesis and Theoretical Investigation	Dr Jarin T	EEE	Test Engineering and Management	2019-2020
143	Intelligent Parking Management System using Dijkstra's Algorithm with Driver Preferences	Dr Jarin T	EEE	Test Engineering and Management	2019-2020
144	Atmospheric Water Absorption Kit	Dr Jarin T	EEE	Journal of Advanced Engineering Research	2019-2020
145	Simulation on the generation of electricity from running train wheels.	Dr Jarin T	EEE	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
146	Thematic issue: energy provision from organic by-products, residues, and wastes in Asia	B. Deepanraj	ME	Biomass Conversion and Biorefinery	2019-2020
147	Investigation on novel bulk size single crystal of Glycine with metal ions grown by solution growth method for photonic applications	B. Deepanraj	ME	Materials Letters	2019-2020
148	An Experimental Analysis And Optimization Of Heat Treatment Parameters Of Al6061 Alloy For Improved Mechanical Properties	B. Deepanraj	ME	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
149	Investigation and Optimization of Machining Parameters Influence on Surface Roughness in Turning AISI 4340 Steel	B. Deepanraj	ME	FME Transactions	2019-2020
150	Growth and investigation of novel nonlinear optical single crystal of urea potassium dichromate by solution growth technique for photonic application	B. Deepanraj	ME	Journal of Optics	2019-2020
151	Production, optimisation and engine characteristics of beef tallow biodiesel rendered from leather fleshing and slaughterhouse wastes	B. Deepanraj	ME	Biomass Conversion and Biorefinery	2019-2020



152	Investigation on single crystal by tartaric acid-barium chloride: growth and characterization of novel NLO materials	B. Deepanraj	ME	Bulletin of Materials Science	2019-2020
153	Effect of solid concentration on biogas production through anaerobic digestion of rapeseed oil cake	B. Deepanraj	ME	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020
154	Biogas from food waste through anaerobic digestion: optimization with response surface methodology	B. Deepanraj	ME	Biomass Conversion and Biorefinery	2019-2020
155	Influence of fatty acid composition on process optimization and characteristics assessment of biodiesel produced from waste animal fat	B. Deepanraj	ME	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020
156	An Optimization Of Drilling Process Parameters In Machining Epoxy Based Carbon Fibre Composites	B. Deepanraj, Nice Menachery, O.P. Sukesh	ME	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
157	Growth and investigations of 3rd order NLO properties of novel semi organic tartaric acid lithium sulfate single crystal for photonics application	B. Deepanraj, P. L. Biju	ME	Optical and Quantum Electronics	2019-2020
158	An Optimization Of Micro-Drilling Parameters In Carbon Fiber Reinforced Polymer Using Grey Relation Analysis	C. A. Lawrance	ME	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
159	Estimation of fuel properties and characterization of hemp biodiesel using spectrometric techniques	Cijil B John, B. Deepanraj	ME	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020
160	Palm stearin biodiesel: preparation, characterization using spectrometric techniques and the assessment of fuel properties	Cijil B John, B. Deepanraj	ME	Biomass Conversion and Biorefinery	2019-2020



161	Analysis of combustion, emission and performance attributes of hemp biodiesel on a compression ignition engine	Cijil. B. John	ME	World Review of Science, Technology and Sust. Development	2019-2020
162	Performance of magnetorheological fluid based tunable frequency boring bar in chatter control	Dr. Biju CV	ME	Journal of Vibration and Control 24 (14), 3094-3106	2019-2020
163	The Low Cost Adult Diaper Waste Management Method	Nice Menachery	ME	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
164	An Optimisation Of Surface Area And Heat Transfer Study Of Rectangular Porous Structure	Nisha Sherief	ME	International Journal of Mechanical and Production Engineering Research and Development	2019-2020
165	Different Sensors Used for Biochemical Detection	Ambily Francis	ECE	International Research Journal of Engineering and Technology (IRJET)	2019 - 2020
166	Spectral feature and Optimization- based Actor-Critic Neural Network for arrhythmia classification using ECG signal	Anoop V	ECE	Journal of Experimental & theoretical Artificial Intelligence	2019 - 2020
167	CCGPA-MPPT: Cauchy preferential crossover-based global pollination algorithm for MPPT in photovoltaic system	Anoop V	ECE	Progress in Photovoltaics: Research and Applications	2019 - 2020
168	A comprehensive Study on Human Interaction with IoT systems	Drishya MK	ECE	International Research Journal of Engineering and Technology (IRJET)	2019 - 2020
169	Effect of Geometry on Driver Heart Rate	Jisha Akkara	CE	Transportation Research Procedia	2019 - 2020
170	Economic Analysis of Congestion- A Case Study	Vincy Verghese	CE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	2019 - 2020



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171	Influence of Pavement Condition on Headway and Average Travel speed	Vincy Verghese	CE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	2019 - 2020
172	Network Expansions in Kerala State RTC	Vincy Verghese	CE	International Research Journal Of Multidisciplinary Technovation (IRJMT).	2019 - 2020
173	Medical Plastic Waste Disposal By Using It In Bituminous Road Construction	Vincy Verghese	CE	International Research Journal Of Multidisciplinary Technovation (IRJMT).	2019 - 2020
174	Asset Tracking Using Low Power Bluetooth	David Nettikadan	ECE	International Journal of Advanced Research Trends in Engineering and Technology	2019 - 2020
175	Hybrid control of a multi-area multi-machine power system with FACTS devices using nonlinear modeling Journal - IET Generation, Transmission & Distribution	Jose P. Therattil	ECE	IET Generation & Distribution	2019 - 2020
176	A review of blue light emitting diodes for future solid state lighting and visible light communication applications, , Superlattices and Microstructures(J), Elsevier,	Prajoon P	ECE	Superlattices and Microstructures	2019 - 2020
177	Design and Implementation of Instantaneous Power Estimation Algorithm for Unified Power Conditioner	Sindhu S	ECE	Journal of Power Electronics 19 (3), 815-826	2019 - 2020
178	"A Call for a Life of Joyful and Meaningful Integration: The Balanced Mode of Diasporic Life in Sacred Waters by Meira Chand"	Sijo C. G.	BSH	International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL) (Serial No. 40893) (ISSN Online: 2321-8878)	2018-2019



179	“The Divided Identities in the Gossamer Fly and Last Quadrant by Meira Chand: A Postcolonial Study”	Sijo C. G.	BSH	International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL) (Serial No. 40893) (ISSN Print: 2347-4564),	2018-2019
180	Crash Characteristic Analysis and Blackspot Identification using QGIS	Archana S	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
181	Estimation Of Pedestrian Level Of Service Model At Signalised Intersections	Archana S	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
182	Analysis and Development of Traffic Speed-Flow-Density Relationships for Urban Roadway	Archana S	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019
183	STUDY ON PEDESTRIAN CROSSING BEHAVIOUR AT INTERSECTIONS	Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
184	GIS based Road Safety Audit of State Highways in Thrissur	Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
185	ANALYSIS OF PASSENGER FLOW PARAMETERS OF RAIL TRANSPORTATION IN KERALA	Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
186	Pedestrian Safety Analysis at School Zones	Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
187	A Study to Determine Pedestrian Walkability Index in Mixed Traffic Condition	Archana S	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
188	Crash Prediction Modeling of Two Lane Undivided Highways Using Artificial Neural Network	Archana S	CE	International Journal of Scientific & Engineering Research	2018-2019



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189	Traffic Flow Modeling and Capacity Estimation for Heterogeneous Traffic on Four Lane Divided Carriageway	Archana S	CE	International Journal of Scientific & Engineering Research	2018-2019
190	Subgrade Soil Stabilization Using Chicken Feather Fiber	Dr. Agnes Anto C	CE	International Journal of New Technology and Research (IJNTR)	2018-2019
191	Use of Data Mining Technique for Systematic Road Safety Audit of Non-urban Highways	Dr. Anitha Jacob	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019
192	Activity Based Transportation Modeling for Chelakottukara ward of Thrissur District	Dr. Anitha Jacob	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019
193	Study of on street & off street parking choice behavior	Jisha Akkara	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
194	Two Lane Highway Consistency Based On Alignment Indices	Jisha Akkara	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
195	Influence of Geometric Design Characteristics on Safety Under Heterogeneous Traffic Flow	Jisha Akkara	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
196	Fuzzy Logic Based Route Choice Behaviour Modelling	Jisha Akkara	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
197	Performance Evaluation of Kerala State Road Transport Corporation	Jisha Akkara	CE	International Journal of Engineering Research and Technology (IJERT)	2018-2019
198	Road traffic induced noise pollution modelling and fuel emission analysis at rail-road crossings	Jisha Akkara	CE	International Journal of Scientific and Engineering Research	2018-2019
199	Vehicle choice behaviour on "on street" parking	Jisha Akkara	CE	International Journal of Scientific and Engineering Research	2018-2019



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200	Modeling of Intercity Mode Choice Behaviour of Passengers	Jisha Akkara	CE	International Journal of Scientific and Engineering Research	2018-2019
201	Development of Accident Prediction Model on Horizontal Curves	Jisha Akkara	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
202	Performance Analysis and Modeling of Entry Capacity of Roundabout Under Heterogeneous Traffic	Vincy Verghese	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
203	Urban Resident's Awareness and Readiness for Sustainable Transportation a Case Study	Vincy Verghese	CE	International Journal of Advanced Research in Computer and Communication Engineering	2018-2019
204	Passing Opportunity Model of Vehicles on Two Lane Undivided Highways under Mixed Traffic Conditions	Vincy Verghese	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
205	Mode choice Behaviour Analysis of Students in Thrissur city	Vincy Verghese	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
206	Feasibility Study of Provision for Exclusive Bus Lanes on Urban Roads	Vincy Verghese	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019
207	Environmental Impact Assessment of Thrissur-Vadanapally Road Project	Vincy Verghese	CE	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019
208	Bus Route Optimization and Scheduling In Hyderabad City Using Arc-Gis in Association with Lumiplan Pvt. Ltd.	Vincy Verghese	CE	International Journal of New Technology and Research (IJNTR)	2018-2019
209	Passing Opportunity Model Of Vehicles On Two-Lane Undivided Highways Under Mixed Traffic Conditions	Vincy Verghese	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019
210	Mode Choice Behaviour Analysis Of Students In Thrissur City	Vincy Verghese	CE	International Research Journal of Engineering and Technology (IRJET)	2018-2019



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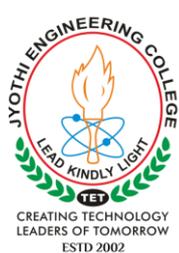
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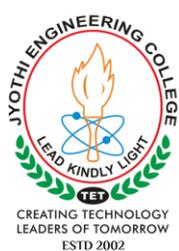


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211	Review of Software to Analyse the Physical Conditions of the Athletes using sEMG	Aneesh Chandran	CSE	International Journal of Trend in Scientific Research and Development (IJTSRD)	2018-2019
212	The Interval Valued Fuzzy Graph Associated with a Crisp Graph	Sunny Joseph Kalayathankal	CSE	Italian Journal of Pure and Applied Mathematics	2018-2019
213	Medical image enhancement by a bilateral filter using optimization techniques, Journal of Medical Systems-Springer	Anoop V	ECE	Journal of Medical Systems	2018-2019
214	Converging Blockchain and Internet of Things	David Nettikadan	ECE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2018-2019
215	Smart Community Monitoring System using Thingspeak IoT Platform	David Nettikadan	ECE	International Journal of Applied Engineering Research	2018-2019
216	Visible Light Communication Using Sensors	Jinesh KJ	ECE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2018-2019
217	Solution for Unintentional Events of Vehicle Security	Ponmani Raja M	ECE	Transactions on Innovations in Science and Technology	2018-2019
218	A Study on Millimeter-Wave Vehicular Communication	Ponmani Raja M	ECE	International Journal of Innovative Research in Science, Engineering and Technology	2018-2019
219	"Investigation of RF and DC Performance of E-Mode In _{0.80} Ga _{0.20} As /InAs /In _{0.80} Ga _{0.20} As Channel Based DG-HIEMTs for Future Submillimetre wave and THz Applications	Prajoon P	ECE	IETE Journal of Research	2018-2019
220	Numerical analysis of circularly polarized modes in coreless photonic crystal fiber	Dr Jarin T	EEE	Elsevier-Results in Physics	2018-2019



221	Exploring magnetic fluid sensor using dual circular core elliptical cladding photonic crystal fiber	Dr Jarin T	EEE	Elsevier-Results in Physics	2018-2019
222	Evaluation of various benchmark processes with appropriate controller design in LabVIEW platform	Dr Jarin T	EEE	Journal of Instrumentation	2018-2019
223	Designing and modelling of a low cost wireless telemetry system for deep brain stimulation studies	Dr Jarin T	EEE	Indian Journal of Science and Technology	2018-2019
224	Evaluation strategies for wireless ultra wideband communication towards orthopedic surgical scheme	Dr Jarin T	EEE	Journal of Medical Imaging and Health Informatics.	2018-2019
225	A Prototype design of RFID centered Hi-Tech Toll Assortment Plaza	Dr Jarin T	EEE	Mediterranean Journal of Basic and Applied Sciences	2018-2019
226	Corrosion of reinforcement in concrete with fly ash and manufactured sand	Dr Jarin T	EEE	Material Research Innovations	2018-2019
227	Experimental study of refrigeration cycle using diffuser pipe and application of nano particles	Anto Zacharias	ME	Transactions on Innovations in Science & Technology	2018-2019
228	Design and Development of a Gear based Conveyor System	Anto Zacharias	ME	International Journal for Scientific Research & Development	2018-2019
229	A review on analysis of HHO gas in IC engines	Arun Raj A,	ME	Materials Today Proceedings	2018-2019
230	Energy and exergy analysis, drying kinetics, modelling and quality parameters of microwave - dried turmeric slices.	B. Deepanraj	ME	Journal of Thermal Analysis and Calorimetry	2018-2019
231	Experimental Investigation on Performance, Combustion and Emission Analysis of a Direct Injection Diesel Engine fuelled with Rapeseed Oil Biodiesel	B. Deepanraj	ME	Fuel	2018-2019
232	Development of a boring bar with Magneto-rheological fluid damping and assessment of its dynamic characteristics	Dr. Biju CV	ME	The International Journal of Advanced Manufacturing Technology 75, 1219-1231	2018-2019



233	Experiment on Carbon dioxide removal from flue gas	Sukesh O.P, ArunRaj A	ME	Materials Today Proceedings	2018-2019
234	Voltage controlled DC-DC converter for enhancing waste heat recovery.	Della David	EEE	International journal of research in advent technology	2018 - 2019
235	"Hybridity of Identities in The Namesake by Jhumpa Lahiri: A Postcolonial Reading"	Sijo C. G.	BSH	BODHI: International Journal of Research in Humanities, Arts and Science (ISSN: 2456-5571)	2017-2018
236	How to Select a Searching Algorithm-A Comparative Study	Mr. Bineesh M, Sobha Xavier, Jisna V A	CSE	International Journal of Computer Trends and Technology (IJCTT) - Volume 48 Number 3 June 2017	2017-2018
237	A Review on Generative Conversational Model	Prof . M T Rajappan Pillai	CSE	Inter national Journal of Advanced Research inScience and Engineering vol 6 Issue 12 December 2017	2017-2018
238	EFFICIENT SIGN LANGUAGE TRANSLATOR BY GESTURE RECOGNITION	Mr. Ponmani Raja M	ECE	Journal of Innovation in Science and Engineering Research	2017-2018
239	Unique PWM cast for induction motor drives with Embracing Non-Deterministic Characteristics and Evaluation using FPGA.	Dr Jarin T	EEE	International journal of pure and applied mathematics	2017 - 2018
240	Crystallisation and Characterisation of Novel Semi Organic Nonlinear Optical Crystal:Glycinium Oxalate	Dr Jarin T	EEE	International journal of advanced trends in Engineering and Technology	2017 - 2018
241	Low cost wireless telemetry system for deep brain stimulation	Dr Jarin T	EEE	International journal of scientific research and review	2017 - 2018
242	A review study of E waste management in India	Dr Jarin T	EEE	Asian Journal of Applied Science & Technology	2017 - 2018
243	FPGA based analysis of non-dererministic PWM in Induction Motor Drives.	Dr Jarin T	EEE	Asian Journal of Applied Science & Technology	2017 - 2018
244	SFCL Technology for generator protection	Dr Jarin T, Saritha P	EEE	Asian Journal of Applied Science & Technology	2017 - 2018



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245	A review study- Smart Grid integration of renewable sources using EZ and Z source inverters.	Dr Jarin T, Shijoh V	EEE	International Journal of Current Engineering and Scientific Research (IJCESR).	2017 - 2018
246	Enhancement of Efficiency in Nanocoated Induction Motor	Dr. Jarin T	EEE	World Applied Science Journal	2017 - 2018
247	Nano Generator Intended for Harvesting	Dr. Jarin T , Kapildas K S	EEE	Asian Journal of Applied Science & Technology	2017 - 2018
248	A Noval Random Carrier Frequency Modulation Technique for Drive Applications.	Soumya C	EEE	Asian Journal of Applied Science & Technology	2017 - 2018
249	A Comparative Study of Segmentation and Classification Techniques in WBC	Swapna B Sasi	CSE	International Journal of Advances Research in Science and Engineering (IJARSE)	2017 - 2018
250	Evaluation methods for incorporating Non-Deterministic characteristics in PWM strategy of Induction Motor drives and FPGA based experimental implementation	Dr. Jarin T	EEE	Journal of Electrical Engineering	2017 - 2018
251	Security Alert using Face Recognition	Ms. Aswathy Wilson	CSE	International Research Journal of Engineering and Technology,	2016-2017
252	A Review on Noise filters for digital Images	Ms. Namitha T N	CSE	International Research Journal of Engineering and Technology	2016-2017
253	3D Saliency Detection	Ms. Namitha T N	CSE	International Journece of Engineering Trends and Technology	2016-2017
254	CORMS : An automated Restarant Management System	Ms. Ninu Francis	CSE	International Reasearch Journal of Engineering and Technology	2016-2017
255	Tuning characteristics of Co3O4 nanofiber mats developed for electrochemical sensing of glucose and H2O2	Gibin George	ME	Thin Solid Films	2016-2017
256	Semi-Supervised Distributional Vector Generation Techniques for Text Classification	Dr. Wajeed	CSE	Indian Journal of Science and Technology	2016 - 2017



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257	Critical Investigation of Minimum field conductor for Overhead Transmission lines.	Dr. Jarin T	EEE	Middle-East Journal of Scientific Research	2016 - 2017
258	Phase Shift Controlled Full Bridge DC-DC converter with less circulating loss.	Dr. Jarin T, Akhil A Balakrishnan, Shijoh V	EEE	Middle-East Journal of Scientific Research	2016 - 2017
259	Sustentation of Energy by a Contemporary GSM based Prepaid Energy Meter	Dr. Jarin T, Shijoh V	EEE	Middle-East Journal of Scientific Research	2016 - 2017
260	Renewable power centred Intelligent power supervision system for households.	Dr. Jarin T, Shijoh V	EEE	Middle-East Journal of Scientific Research	2016 - 2017
261	Adding Remote Controller Functionality To Any Stereo	Ambily Francis	ECE	International Journal of computer applications Technology and research	2016 - 2017
262	FPGA Implementation of WG Stream Cipher	Anna Johnson	ECE	IJSET - International Journal of Innovative Science, Engineering & Technology	2016 - 2017
263	Ear Cavity Biometric Recognition	Ms. Bindhu K. Rajan, Mr. Rijo P C	ECE	IOSR Journal of Biotechnology and Biochemistry	2016 - 2017
264	Wireless Health Monitoring System for Detection of ECG, EMG and EEG	Ms. Nyni K.A	ECE	International Journal of Advanced Research in Computer and Communication Engineering	2016 - 2017
265	Smart Card Based Public Distribution System	Rijo PC	ECE	International Journal of Science and Research (IJSR)	2016 - 2017
266	Drowsiness Detection and Rescue System	Roshni Rajan K	ECE	International Journal of Science and Research (IJSR)	2016 - 2017
267	Virtual Keyboard	Shaicy P Shaji	ECE	International Journal Of Engineering And Computer Science	2016 - 2017
268	Different Modes in Four Wheel Steered Multi-Utility Vehicles	Arun Raj A	ME	Research Inveny: International Journal of Engineering And Science	2015-2016
269	Experimental Analysis ofYSZCoating onanICEngine Piston	Arun Raj A	ME	Research Inveny: International Journal of Engineering And Science	2015-2016



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270	Experimental Investigation of a Helical Coil Heat Exchanger	Sreejith K	ME	Research Inventory: International Journal of Engineering And Science	2015-2016
271	Experimental Investigation of Waste Heat Recovery System for Household Refrigerator	Sreejith K.	ME	Research Inventory: International Journal of Engineering And Science	2015-2016
272	Design and Fabrication of Reverse Gear Mechanism for Handicapped People	Sukesh O.P	ME	International Journal of Scientific & Engineering Research	2015-2016
273	Fabrication and Analysis of Solar Powered Air Cooler	Suneeth Sukumaran	ME	The International Journal Of Engineering And Science	2015-2016
274	Closed Loop Control of ZCS Interleaved High Set Up Converter for Sustainable Energy Applications.	Aswathy Rajan	EEE	International Journal of Science and Research.	2015 - 2016
275	One cycle control of interleaved Buck converter with step down conversion ratio.	Della David	EEE	International Research Journal of Engineering & Technology	2015 - 2016
276	Closed loop control of high step up DC/DC converter based on coupled inductor and switched capacitor	Della David	EEE	International Research Journal of Engineering & Technology	2015 - 2016
277	Analysis of regenerative braking in brushless DC motor drive using adaptive neuro based fuzzy inference system	Ratnan P	EEE	International Journal of Science and Research	2015 - 2016
278	Integrated Dual Output Buck Boost Converter for Industrial Application.	Reshma Raj	EEE	International Journal of Engineering Research & Technology	2015 - 2016
279	PFC Cuk converter fed BLDC motor drive using artificial neural network.	Reshma Raj	EEE	International Journal of Engineering Research & Technology (IJERT)	2015 - 2016
280	Ripple current reduction technique for DC to DC converter using tapped inductor	Soumya C	EEE	International journal of latest research in Engineering and Technology	2015 - 2016
281	3D Brain Tumor Detection	Diana Davis	CSE	International Journal of Engineering Research in Computer	2015 - 2016



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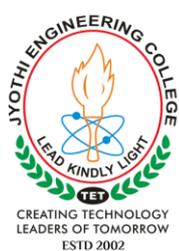
A CENTRE OF EXCELLENCE IN SCIENCE AND TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

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				Science and Engineering	
282	The Derivative of a Switched Coupled Inductor DC-DC Step Up Converter by using a Voltage Lift Network with Closed Loop Control for Micro Source Applications.	Akhil A Balakrishnan	EEE	International Research Journal of Science and Research	2015 - 2016
283	Voltage mode control of soft switched single switch isolated DC-DC converter	Rengini G	EEE	International Research Journal of Engineering & Technology	2015 - 2016
284	PWM Control of High Gain Sepic Boost Converter with Coupled Inductor and Charge pump capacitor	Rengini G	EEE	International Research Journal of Engineering & Technology	2015 - 2016
285	Investigation into effect of particle impact damping (PID) on surface topography in boring operation	Dr. Biju CV	ME	The International Journal of Advanced Manufacturing Technology 75, 1219-1231	2014-2015



LIST OF CONFERENCE PUBLICATIONS

Sl. No.	Name of the teacher	Title of the paper	Name of the conference	Year of publication
1	Dr. Saju P John	Review on image processing-based building damage assessment techniques	4th Doctorial Symposium on Computational Intelligence	2022-2203
2	Dr. C. Karthik	Review of Different Types of Spatial Positioning Platforms	AIP Proceedings	2022-2023
3	Dr. Deepanraj B.	A systematic review on characterization of hybrid aluminium nanocomposites	Materials Today: Proceedings	2022-2023
4	Dr. Jarin T	A review on electric and electronic waste material management in 21st century	Materials Today: Proceedings	2022-2023
5	Dr. Jarin T	Sustainable method of automatic detection of tumor using super pixel segmentation	AIP Conference Proceedings	2022-2023
6	Dr. Jarin T	A sustainable facial recognition based heart rate monitoring system for the detection of atrial fibrillation in paralyzed	AIP Conference Proceedings	2022-2023
7	Dr. Jarin T	Rescheduling based congestion management using particle swarm optimization strategy	AIP Conference Proceedings	2022-2023
8	Dr. Jarin T	Random PWM for DC-AC converter for adjustable speed drives	AIP Conference Proceedings	2022-2023
9	Dr. Jarin T	Design and Evaluation of MPPT Based Two Stage Battery Charging Scheme For A Solar PV Lighting System	International Conference on Innovations in Science and Technology for Sustainable Development (ICISTSD)	2022-2023
10	Dr. Jarin T	Quasi Z Source Inverter Fed Induction Motor Drive Using Chaotic Carrier Sinusoidal PWM	International Conference on Innovations in Science and Technology for Sustainable Development (ICISTSD)	2022-2023
11	Mr. M G cyriac	Solid Waste Management in Kerala - Prospectives and Limitations	Institute of Paarliamenatry affairs, Govt of Kerala sponsored one day seminar	2022-2023



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12	Mr. M G cyriac	Sewage treatment systems	Indian Plumbing Association seminar Ernakulam	2022-2023
13	Mr. Suneeth Sukumaran	A review on the scope of using calcium fluoride as a multiphase coating and reinforcement material for wear resistant applications	Materials Today	2022-2023
14	Ms. Neethu Rose Thomas	An Automated Kidney Tumour Detection Technique from Computer Tomography Images	2022 International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS)	2022-2023
15	Ms. Soorya .M.Nair	UHPC Steel Composite Girder: Numerical Studies on Flexural Behaviour in Negative Moment Region	Book Recent Trends in Civil Engineering: Select Proceedings of ICRAACE 2021	2022-2023
16	Ms. Vincy Verghese	Traffic Impact Assessment of a Proposed Shopping Mall in a Medium-Sized Town.	Recent Advances in Transportation Systems Engineering and Management. Lecture Notes in Civil Engineering	2022-2023
17	Ms. Vincy Verghese	A Study On Rainwater Harvesting Of Porous Asphalt	International conference on Research Advances in Engineering and Technology	2022-2023
18	Ms. Vincy Verghese	Development of Parking Rate Model for Different Land use in Kozhikode District	International conference on Advances in Civil Engineering	2022-2023
19	Dr. AlwynVarghese	Impact of heating cooling regime on flexural behaviour of self-compacting concrete beams exposed to elevated temperatures	Materials Today: Proceedings	2021-2022
20	Dr. Anitha Jacob, Jisha Akkara, K. J. Jinesh, and Jose P. Therattil	Effect of Non-urban Two Lane Highway Geometry on Car and Bus Drivers – A Physiological Study	Transportation Research Procedia Volume 62, 2022, Pages 358-365	2021-2022
21	Dr. Anitha Jacob, Jisha Akkara, K. J. Jinesh, and Jose P. Therattil	Effect of Two-Lane Rural Highway Horizontal Curves on Driver's Galvanic Skin Resistance	Proceedings of the Fifth International Conference of Transportation Research Group of India .Lecture Notes in Civil Engineering	2021-2022



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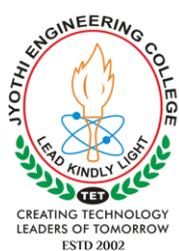


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22	Dr. Anoop V	Speech Enhancement using LQE and Optimization Techniques	2020 International Conference on Communication and Signal Processing (ICCSP)	2021-2022
23	Dr. Aswathy SU	The fucture of edge computing with blockchain technology; possibility of threats, oppertunities and challeges \.	Recent Trends in Blockchain for Information Systems Security and Privacy	2021-2022
24	Dr. Aswathy SU	Machine Learning and Internet of Things-Based Models for Healthcare Monitoring	Advanced Analytics and Deep Learning Models	2021-2022
25	Dr. Aswathy SU	Machine Learning-Based Disease Diagnosis and Prediction for E-Healthcare System	Advanced Analytics and Deep Learning Models	2021-2022
26	Dr. Aswathy SU	Big Data Analytics With Cloud, Fog, and Edge Computing	Advanced Analytics and Deep Learning Models	2021-2022
27	Dr. Aswathy SU	Privacy Breaches	Security and Privacy-Preserving Techniques in Wireless Robotics	2021-2022
28	Dr. Aswathy SU	Genomics and Genetic Data: A Third Eye for Doctors	Intelligent Interactive Multimedia Systems for e-Healthcare Applications	2021-2022
29	Dr. Aswathy SU	Internet of Things-Based Cloud Applications: Open Issues, Challenges, and Future Research Directions	Intelligent Interactive Multimedia Systems for e-Healthcare Applications	2021-2022
30	Dr. Aswathy SU	Biomedical Data Analysis: Current Status and Future Trends	Intelligent Interactive Multimedia Systems for e-Healthcare Applications	2021-2022
31	Dr. Aswathy SU	Preprocessing Approach Using BADF Filter in MRI Images for Brain Tumor Detection	Intelligent and Fuzzy Systems.	2021-2022
32	Dr. Aswathy SU	Lung CT Image Enhancement Using Improved Linear Iterative Clustering for Tumor Detection in the Juxta Vascular Region	Intelligent and Fuzzy Systems.	2021-2022
33	Dr. Aswathy SU	A Hybrid Feature Extraction Method Using SeaLion Optimization for	Innovations in Bio-Inspired Computing and Applications	2021-2022



		Meningioma Detection from MRI Brain Image		
34	Dr. Aswathy SU	Industry 4.0 Challenges in e-Healthcare Applications and Emerging Technologies.	Intelligent Interactive Multimedia Systems for e-Healthcare Applications	2021-2022
35	Dr. Aswathy SU	Security, Privacy and Trust Issues in Internet of Things and Machine Learning Based e-Healthcare	Intelligent Interactive Multimedia Systems for e-Healthcare Applications	2021-2022
36	Dr. Aswathy SU	Blockchain for Information Systems Applications	Recent Trends in Blockchain for Information Systems Security and Privacy	2021-2022
37	Dr. Aswathy SU	Healthcare Solutions for the Next Generation: A Useful Explanation from the User's Perspective	Recent Trends in Blockchain for Information Systems Security and Privacy	2021-2022
38	Dr. Aswathy SU	The Future of Edge Computing with Blockchain Technology: Possibility of Threats, Opportunities, and Challenges	Recent Trends in Blockchain for Information Systems Security and Privacy	2021-2022
39	Dr. Aswathy SU	Computer-Aided Diagnosis of Liver Fibrosis in Hepatitis Patients Using Convolutional Neural Network	Computational Analysis and Deep Learning for Medical Care: Principles, Methods, and Applications	2021-2022
40	Dr. Aswathy SU	A Hybrid Method for Fake Profile Detection in Social Network Using Artificial Intelligence	Security Issues and Privacy Concerns in Industry 4.0 Applications	2021-2022
41	Dr. Biju CV	Study of Mechanical Properties and Hard Water Absorption Behavior of Water Hyacinth Reinforced Starch Composite	International Conference on Materials Science and Engineering (ICMSE 2022)	2021-2022
42	Dr. C. Karthik	Simulation Study of Control Techniques Used for 9- Phase Voltage Source Inverter	International Conference on System, Computation, Automation and Networking (ICSCAN)	2021-2022
43	Dr. C. Karthik	Simulation Study of Control Techniques Used	International Conference on System, Computation, Automation and Networking	2021-2022



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		for 9-Phase Voltage Source Inverter.		
44	Dr. Deepanraj B.	Abrasive wear and corrosion behavior of hybrid AMMCS reinforced with solid lubricant and ceramic particulates	AIP Conference Proceedings	2021-2022
45	Dr. Deepanraj B.	3D Modelling and Visualization of Buildings using Photogrammetry	AIP Conference Proceedings	2021-2022
46	Dr. Deepanraj B.	A Review on Recent Advances in Micro-algal Based Biofuel Production	International Conference on Energy and Environment (ICEE 2021), (AIP Conference Proceedings)	2021-2022
47	Dr. Deepanraj B.	A Review on Solar Photovoltaic Systems and Its Application in Electricity Generation	International Conference on Energy and Environment (ICEE 2021), (AIP Conference Proceedings)	2021-2022
48	Dr. Dennymol P V	Cost-Effective Synthesis of Hydroxyapatite from Waste Egg Shells and Clam Shells	Polymeric Biomaterials and Bioengineeringpp 139-147	2021-2022
49	Dr. Jarin T	Photovoltaic Based Five Level Inverter With High Gain Dc-Dc Converter	International Conference on Power, Energy, Control and Transmission Systems	2021-2022
50	Dr. Jarin T	Advanced Intrusion Detection Using Deep Learning-LSTM Network On Cloud Environment	2021 Fourth International Conference on Microelectronics, Signals & Systems (ICMSS)	2021-2022
51	Dr. Jarin T	Computer-Aided Diagnosis of Liver Fibrosis in Hepatitis Patients Using Convolutional Neural Network	Computational Analysis and Deep Learning for Medical Care: Principles, Methods, and Applications	2021-2022
52	Dr. Jarin T	Intelligent robot for defect detection and rectification	2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICT)	2021-2022
53	Dr. Jarin T	11 - Biomedical data visualization and clinical decision-making in rodents using a multi-usage wireless brain	Predictive Modeling in Biomedical Data Mining and Analysis	2021-2022



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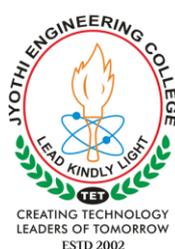


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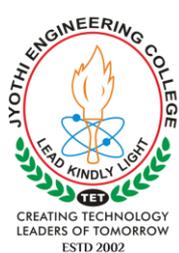
		stimulator with a novel embedded design		
54	Dr. Jeyakkannan, N.	IoT Based Design of Automatic Seat Belt System for Vehicles.	International Conference on Smart Computing and Communications (ICSCC)	2021-2022
55	Dr. Jose P Therattil	Effect of Two-Lane Rural Highway Horizontal Curves on Driver's Galvanic Skin Resistance	Proceedings of the Fifth International Conference of Transportation Research Group of India	2021-2022
56	Dr. Prajoon P	Investigation on Impact of GaAs and GaN Blazed Grating for High Performance UV-VIS Spectrometer	2022 3rd International Conference on Electronics and Sustainable Communication Systems (ICESC)	2021-2022
57	Dr. Prajoon P	"CSI based Analytical Model for evaluation of DC Characteristics in AlGa _N /Ga _N /AlIn _N MOS-HEMT using high-k dielectrics"	4th International Conference on Electronics, Communication and Aerospace Technology (ICECA), Coimbatore, India, (2020).	2021-2022
58	Dr. Rajalakshmi M., Karthik C., Shamim E Varkey	ANN based Fractional order PID controller design for pitch control of Boeing 747-400	International Conference on Artificial Intelligence and Energy System (ICAIES-2021)	2021-2022
59	Dr. Rajalakshmi, M.	Optimal Placement of Voltage Regulator and Capacitor for Distribution System.	International Conference on System, Computation, Automation and Networking	2021-2022
60	Dr. Saju P John	Secure Environment Establishment for Multipath Routing	Lecture Notes in Networks and Systems	2021-2022
61	Dr. Saju P John	Review on Edge Computing-assisted d2d Networks	Lecture Notes in Networks and Systems	2021-2022
62	Dr. Sindhu S	Instantaneous Power Estimation Algorithm in Hybrid Power Filter for Power Quality Improvement	Third International Conference on Advances in Electrical Computer Technologies 2021 (ICAECT 2021)	2021-2022
63	Dr. Sindhu S	Cyber-Resilient Energy Infrastructure and IoT	Internet of Things, Artificial Intelligence and Blockchain Technology	2021-2022
64	Dr. Sindhu S	Blockchain-Based Health Care Applications	Convergence of Blockchain Technology and E-Business	2021-2022
65	Dr. Sunny Joseph Kalayathankal	Bounds for Zagreb class of indices on alkylating agents	AIP Conference Proceedings	2021-2022



66	Dr. Sunny Joseph Kalayathankal	A mathematical approach to the study on alkylating agents	AIP Conference Proceedings	2021-2022
67	Dr. Sunny Joseph Kalayathankal	Interval-Valued Fuzzy Trees and Cycles.	Data Science and Security. Lecture Notes in Networks and Systems	2021-2022
68	Dr. Sunny Joseph Kalayathankal	Fuzzy Integral Representation Associated With Spectral Measure	Handbook of Research on Advances and Applications of Fuzzy Sets and Logic	2021-2022
69	Dr. Swapna B Sasi	COVID-19 Cases Prediction Using Different LSTM Models and Comparison of Effectiveness of Different Models	4th International Conference on Big Data and Cloud Computing organized by the Department of Computer Science and Engineering, Karunya Institute of Technology and Sciences	2021-2022
70	Mr. Anil Antony	Detection of Moving Objects in a Metro Rail CCTV video using YOLO Object Detection Models	Lecture Notes on Data Engineering and Communications Technologies	2021-2022
71	Mr. Dipin Krishnan R	Power Amplifier Linearization using Hybrid Optimization Techniques,	2020 International Conference on Communication and Signal Processing (ICCSP)	2021-2022
72	Mr. Nikhil N.S.	IoT Based Design of Automatic Seat Belt System for Vehicles.	International Conference on Smart Computing and Communications (ICSCC)	2021-2022
73	Mr. Ponmaniraja M	Novel PAPR Reduction in UFMC system for 5G Wireless Networks Using Precoding Algorithm	2022 International Conference on Wireless Communications Signal Processing and Networking (WiSPNET)	2021-2022
74	Mr. Ponmaniraja M	Hybrid Techniques for Reducing PAPR in OFDM Systems	2020 International Conference on Communication and Signal Processing (ICCSP)	2021-2022
75	Mr. Ponmaniraja M, Dr. C. Karthik	Dynamic Wireless Charging for Inductive Power Transfer Systems in Electric Vehicles	ECS Transactions" (ECST) from the First International Conference on Technologies for Smart Green Connected Society 2021	2021-2022
76	Mr. Praveen Raj	A study on effect of primary and secondary reinforcements in hybrid metal matrix composite	AIP Conference Proceedings	2021-2022
77	Mr. Praveen Raj	Design and analysis of modified exhaust of emergency medical	AIP Conference Proceedings	2021-2022



		response vehicle during flood conditions		
78	Ms. Anju M J	Review of geopolymerised industrial byproducts	International Conference on construction materials and structures (ICCMS-22) organized by NIT,CALICUT	2021-2022
79	Ms. Bindhu K. Rajan	Enhancement of Veterinary Vaginoscopic Image of Female Canines using Color Transfer Algorithm in $lq\beta$ Color Space	2021 2nd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS)	2021-2022
80	Ms. Bindhu K. Rajan	Veterinary Image Enhancement using DWTDCCT and Singular Value Decomposition	2020 International Conference on Communication and Signal Processing (ICCSP)	2021-2022
81	Ms. Bindhu K. Rajan	Image Security Enhancement using DCT & DWT Watermarking Technique	2020 International Conference on Communication and Signal Processing (ICCSP)	2021-2022
82	Ms. Bindhu K. Rajan	Real Time Drowsiness Detection using Viola Jones & KLT	2020 International Conference on Smart Electronics and Communication (ICOSEC)	2021-2022
83	Ms. Jisha Akkara	Potential of Driver Physiological Measures for Assessing Non-Urban Highway Geometry	aijr book proceedings	2021-2022
84	Ms. Jisha Akkara	Effect of Two Lane Non-Urban Highway Geometry on Workload Profile of Drivers	aijr book proceedings	2021-2022
85	Ms. Sandhya E	An Explicit Solution for an Inventory Model with Positive lead Time and Server Interruptions	Information Technologies and Mathematical Modelling. Queueing Theory and Applications 20th International Conference, ITMM 2021, Named after A.F. Terpugov, Tomsk, Russia, December 1-5, 2021, Revised Selected Papers	2021-2022
86	Ms. Saritha P	A Review on Decouplers in Miso Converters for Hybrid Electric Vehicles Application	2021 4th Biennial International Conference on Nascent Technologies in Engineering (ICNTE)	2021-2022
87	Ms. Soorya .M.Nair	Efficiency of vetiver filter in defluoridation of water	AIP Conference Proceedings	2021-2022



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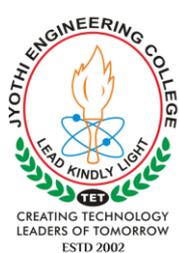
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88	Ms. Vincy Verghese	Investigative approach for identification of contamination in traditional water sources of Kerala state	International Conference on Energy and Environment (ICEE 2021), (AIP Conference Proceedings)	2021-2022
89	Ms. Vincy Verghese	Impact Evaluation of Exclusive Bus Lanes on Urban Roads	Proceedings of the Fifth International Conference of Transportation Research Group of India .Lecture Notes in Civil Engineering	2021-2022
90	Dr. Agnes Anto C	Assessment of pollution scenario of Bharathapuzha and remedial measures	International Conference on Energy and Environment (ICEE 2021)	2020-2021
91	Dr. Agnes Anto C	Temporal and strata based evaluation of physico-chemical water	International Conference on Energy and Environment (ICEE 2021)	2020-2021
92	Dr. Agnes Anto C	Quality issues of traditional water sources of kerala and remedial measures	International Conference on Energy and Environment (ICEE 2021)	2020-2021
93	Dr. Alwyn Varghese	Effect of Cover on the Performance of Self-Compacting Concrete under Elevated Temperature	Second International Conference on Advances in Physical Sciences and Materials (ICAPSM 2021) held at Coimbatore, Tamil Nadu, India	2020-2021
94	Dr. Aswathy SU	Professional Ethics in Engineering : An Industry Perspective	Noor Publishing House	2020-2021
95	Dr. Aswathy SU	Information and Cyber Security: Principles and Practices	Noor Publishing House	2020-2021
96	Dr. Aswathy SU	A Primer on Scientific and Mathematical Programming Using Python	Oxford University Press	2020-2021
97	Dr. Aswathy SU	Machine Intelligence in Medical Imaging	Bentham Science	2020-2021
98	Dr. Aswathy SU	Intelligent Transport system: Theory and Practice	Springer Nature	2020-2021
99	Dr. Aswathy SU	Blockchain and Aadhaar based Electronic Voting System	International Conference on Electronics, Communication and Aerospace Technology (ICECA)	2020-2021



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100	Dr. Aswathy SU	The Future With Advanced Analytics: A Sequential Analysis of the Disruptive Technology's Scope	" 20th International Conference on Hybrid Intelligent Systems (HIS 2020)	2020-2021
101	Dr. Aswathy SU	Prediction of Pesticide and Fertilizers using Machine Learning and Internet of Things	11 th edition IEEE sponsored International Conference on Computer Communication and Informatics by Sri Sakthi Institute of Engineering and Technology2021	2020-2021
102	Dr. Aswathy SU	Convolutional Neural Network Based Helmet Detection and Enforcement system for Accidents"	national conference on Information,communication and Intelligent System	2020-2021
103	Dr. Aswathy SU	Artificial Intelligence Based Identification and 6. Enforcement of Helmet for Two Wheeler Riders	International virtual conference organized by Ernad Knowledge City Technical Campus, kerala ,India	2020-2021
104	Dr. Aswathy SU	Computer aided diagnosis of liver fibrosis in hepatitis patients using Convolutional Neural Network "	Computational Analysis and Understanding of Deep Learning for Medical Care: Principles, Methods, and Application ,	2020-2021
105	Dr. Aswathy SU	"A Review- Using IOT based monitoring system in a smart ambulance with patient	Multimedia and Sensory Input for Augmented, Mixed, and Virtual Reality	2020-2021
106	Dr. Aswathy SU	Helthcare solutions for the next generation: A useful explanation from the user's perspective.	Recent Trends in Blockchain for Information Systems Security and Privacy	2020-2021
107	Dr. Cijil B. John	Accident detection system in two wheelers	International Conference on Energy and Environment (ICEE 2021)	2020-2021
108	Dr. Cijil B. John	Influence of Compression ratio on the Operating Characteristics of a Direct Injection Diesel Engine Using Hemp Biodiesel as Fuel	International Conference on Energy and Environment (ICEE 2021)	2020-2021
109	Dr. Deepanraj B.	Biodiesel Production from Mixed Elengi and Pongamia Oil using Calcined Waste Animal	IOP Conf. Series: Materials Science and Engineering 923	2020-2021



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		Bone as a Novel Heterogeneous Catalyst		
110	Dr. Deepanraj B.	Dry powder fire extinguisher robot	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2020-2021
111	Dr. Deepanraj B.	Simulation, development and characterization of tunable capacitor (Part 1:- Linear mechanical drive)	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2020-2021
112	Dr. Jeyakkannan, N.	IoT Based Smart Bus System using wireless sensor networks.	Proceedings of ICNABDE 2021, by Karunya University, 22-23 APR 2021	2020-2021
113	Dr. Rajalakshmi M,	ANN based Fractional order PID controller design for pitch control of Boeing 747-400	International Conference on Artificial Intelligence and Energy System (ICAIES-2021) by Institute of Technical and Scientific Research	2020-2021
114	Dr. Rajalakshmi M., Karthik C.,	Optimal Placement of Voltage Regulator and Capacitor for Distribution System	4th International Conference on Systems, Computation, Automation and Networking	2020-2021
115	Dr. Shijoh V	Hospital Assistance Robots Control Strategy and Machine Learning Technology	Machine Learning for Robotics Applications	2020-2021
116	Dr. Shijoh V	Novel State Disturbance Based Multi-level Inverter with Sliding Mode Control	Data Intelligence and Cognitive Informatics	2020-2021
117	Dr. Sunny Joseph Kalayathankal	On Interval Valued Fuzzy Graphs Associated with a Finite Group	AIP Proceedings	2020-2021
118	Dr. Sunny Joseph Kalayathankal	Spectra of Corona Products based on Splitting Graph,	AIP Proceedings	2020-2021
119	Dr. Sunny Joseph Kalayathankal	On the Laplacian Energy of Interval Valued Fuzzy Graphs	AIP Conference Proceedings	2020-2021
120	Mr. Anto Zachrias	E- Mobility Vehicle for physically challenged	International and Digital Conference on Electrification and Digital Mobility	2020-2021
121	Mr. M G cyriac	design of plumbing system for IT building Ekm.	International Conference on Energy and Environment (ICEE 2021)	2020-2021



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122	Mr. Praveen Raj	Automobile exhaust water entry prevention system	International Conference On Recent Innovations in Science & Technology (RIST - 2021)	2020-2021
123	Ms. Anju M J	Biominealisation of concrete.a Review"	VIRTUAL NATIONAL CONFERENCE ON "Sustainable Technologies and Smart Materials"(NCSSM-2021)	2020-2021
124	Ms. Anju M J	"Polypropylene fibre, stabilisation and assessment of soil properties"	VIRTUAL NATIONAL CONFERENCE ON "Sustainable Technologies and Smart Materials"(NCSSM-2021)	2020-2021
125	Ms. Anu Sunny	A PV based Microinverter with Bidirectional Battery Charging Application in the Input Stage	International Conference on Power, Energy, Control and Transmission Systems	2020-2021
126	Ms. Carol Varghese	Public perception study on implementation and usage of autonomous vehicles in indian scenarios	International Conference on Energy and Environment (ICEE 2021)	2020-2021
127	Ms. Carol Varghese	Decarbonising transport; A review	International Conference on Energy and Environment (ICEE 2021)	2020-2021
128	Ms. Carol Varghese	Assessment of public acceptance on electric vehicles	International Conference on Energy and Environment (ICEE 2021)	2020-2021
129	Ms. Carol Varghese	Carbon neutral in Thrissur Municipal Corporation in Kerala State: A case study	International Conference on Energy and Environment (ICEE 2021)	2020-2021
130	Ms. Carol Varghese	Biofuels in transportation sector: A review	International Conference on Energy and Environment (ICEE 2021)	2020-2021
131	Ms. Carol Varghese	Carbon Neutral Thrissur	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
132	Ms. Carol Varghese	Accident Modelling on Combined Curves	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
133	Ms. Carol Varghese	Modelling of Work Activity Participation of	National Conference on Resilient Infrastructure (NCRI	2020-2021



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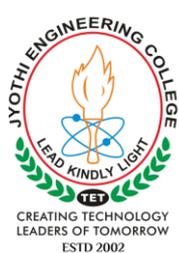
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		Workers in Thrissur Corporation	2020) organised by IIT Palakkad	
134	Ms. Carol Varghese	Impact of Fuel Price on Activity Pattern of Thrissur City	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
135	Ms. Jisha Akkara	Study of Noise Pollution and Air Pollution Due To Railway and Vehicular Traffic at Level Crossing	International Conference on Energy and Environment (ICEE 2021)	2020-2021
136	Ms. Vincy Verghese	Assessment of Pollution potential of Bharathapuzha and remedial measures	International Conference on Energy and Environment (ICEE 2021)	2020-2021
137	Ms. Vincy Verghese	Effect of changed traffic scenario due to Covid 19 on environment	International Conference on Energy and Environment (ICEE 2021)	2020-2021
138	Ms. Vincy Verghese	Impact of transportation on climate change	International Conference on Energy and Environment (ICEE 2021)	2020-2021
139	Ms. Vincy Verghese	Facility Improvement of Shoranur Railway Station Road	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
140	Ms. Vincy Verghese	Reclaimed Asphalt Pavement: A Review	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
141	Ms. Vincy Verghese	Queue Dissipation Time and Travel Time Estimation Model for Emergency Vehicles Under Pre-emption Control	National Conference on Resilient Infrastructure (NCRI 2020) organised by IIT Palakkad	2020-2021
142	Ms. Vincy Verghese	Assessing Role of Feeder Transport in Post Covid Scenario- A literature review	7th Conference on Transportation Systems Engineering and management	2020-2021
143	Ms. Vincy Verghese	Application of queueing theory in Transportation	National conference on Infrastructural Innovations and Environment organised by College of engineering Vadakara	2020-2021
144	Ms. Vincy Verghese	Efficiency Analysis of electronic toll collection in a toll plaza	National conference on resilient infrastructure 2020 organised by IIT Palakkad	2020-2021



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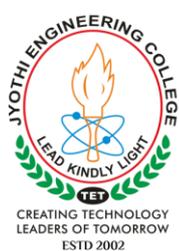
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145	Dr. Agnes Anto C	characteristics of Peechi Dam (India)	International journal of engineering transaction A, Vol33, No 10, 1897-1903	2019-2020
146	Dr. Deepanraj B, Biju C.V	Simulation, development and characterization of tunable capacitor (Part 1:- Linear mechanical drive)	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
147	Dr. Deepanraj B.	Palm Stearin biodiesel: Evaluation of fuel properties and characterization using GC-MS, FTIR and TG-DSC/DTG techniques	International and Digital Conference on Electrification and Digital Mobility	2019-2020
148	Dr. Deepanraj B.	Biodiesel Production from Mixed Elengi and Pongamia Oil using Calcined Waste Animal Bone as a Novel Heterogeneous Catalyst	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES'20) 20-21	2019-2020
149	Dr. Deepanraj B.	Dry powder fire extinguisher robot	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
150	Dr. Deepanraj B.	Solar Tracking - A Novel Approach	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES'20) 20-21	2019-2020
151	Dr. Deepanraj B.	Biodiesel Production from Mixed Elengi and Pongamia Oil using Calcined	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES'20) 20-21	2019-2020
152	Dr. Deepanraj B.	Process Optimisation And Kinetics Of Biodiesel Production From Dairy Waste Scum Using Zno Heterogeneous Nanocatalyst	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES'20) 20-21	2019-2020
153	Dr. Jarin T	THD Reduction in Execution of A Nine Level Single Phase Inverter	2020 International Conference on Communication and Signal Processing (ICCSP)	2019-2020



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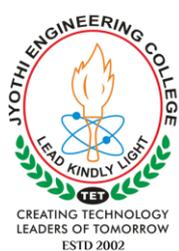
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154	Dr. Jarin T, Anu Sunny	A PV based Microinverter with bidirectional battery charging application in the input stage	IEEE International Conference on Communication and signal processing held on 28th,29th and 30th July 2020 at Adhiparasakthi Engineering College,TamilNadu.	2019-2020
155	Dr. Lawrance C. A	Solar Powered Vehicle Cabin Cooling System	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020),	2019-2020
156	Dr. Prajoon P	Luminous power improvement in InGaN V-Shaped Quantum Well LED using CSG on SiC Substrate	IOP Conference Series: Materials Science and Engineering	2019-2020
157	Dr. Prajoon P	CSI based Analytical Model for evaluation of DC Characteristics in AlGa _N /Ga _N /AlIn _N MOS-HEMT using high-k dielectrics	2020 4th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	2019-2020
158	Dr. Prajoon P	AlGa _N /Ga _N HEMTs for High Power Applications	N/A	2019-2020
159	Dr. Shijoh V	Distributed State Estimation of a Non-linear process system with interconnected subsystems	IOP Conference Series: Materials Science and Engineering	2019-2020
160	Dr. Sunny Joseph Kalayathankal	Cylindrical Fuzzy Sets and its Applications	4 th International conference on science , Engineering, Technology & Social sciences held at K.E.College, Mannanam,	2019-2020
161	Mr. Akhil A Balakrishnan	Automatic Solar Tracker	Second International Conference on Computing, Communication and Energy Systems	2019-2020
162	Mr. Anto Zachrias	E-Mobility Vehicle for Physically Challenged	International and Digital Conference on Electrification and Digital Mobility	2019-2020
163	Mr. Jenson Jose	GA Based Intelligent Algorithm for Efficient Power Transfer	2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT)	2019-2020
164	Mr. Jenson Jose, Jose P therattil	A Novel LCC-LCL Compensation WPT	International Conference on Electronics, Communication	2019-2020



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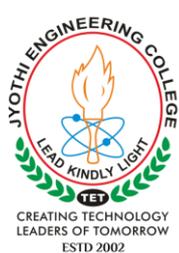
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		System for Better Performance	and Computing Technologies (ICECCT)	
165	Mr. Jithin K Jose	A Reliable Inverter For Wireless Power Transfer Applications	2018 International Conference on Circuits and Systems in Digital Enterprise Technology (ICCSDET)	2019-2020
166	Mr. M G cyriac	'Conservation of Traditional Water Sources of Kerala' and 'Water Quality Control, Awareness and Beyond'	India seminar on Kerala's Water Woes - Challenges & Mitigation organized by IE (I) Kerala State Centre and NABARD on 19-09-2019 and 20-09-2019,	2019-2020
167	Mr. Nice Menachery	Investigation of mechanical properties of ecofriendly composite prepared from saw dust	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
168	Mr. Nice Menachery	Characterisation of titanium aluminide (Ti-Al) based alloys prepared by spark plasma sintering method	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
169	Mr. Nice Menachery	Eco-friendly composite material from saw dust	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMS'20) 20-21	2019-2020
170	Mr. Sukesh O.P	Design And Fabrication Of Ayurvedic Tablet Maker	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020),	2019-2020
171	Ms. Anju M J	'Conservation of Traditional Water Sources of Kerala' and 'Water Quality Control, Awareness and Beyond'	India seminar on Kerala's Water Woes - Challenges & Mitigation organized by IE (I) Kerala State Centre and NABARD on 19-09-2019 and 20-09-2019,	2019-2020
172	Ms. Archana S	Pedestrian Facilities and Safety Analysis at Railway Station in the Pilgrim Season	NCCE- New and Effective Innovations, Technical and Key Challenges , NITK (Technical Paper)	2019-2020
173	Ms. Archana S	Analysis of Pedestrian Parameters at KSRTC Thrissur, Kerala	International Journal for Scientific Research and Development, Vol. 7, Issue 12,2020	2019-2020



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174	Ms. Archana S	Pedestrian Crossing Behaviour between Transport Terminals	International Journal for Scientific Research and Development, Vol. 7, Issue 12,2020	2019-2020
175	Ms. Archana S	Infrastructure Characterized Operations in Kerala State RTC	International Journal for Scientific Research and Development, Vol. 7, Issue 12,2020	2019-2020
176	Ms. Archana S	Pedestrian Flow and Capacity Analysis at Railway Station	National Conference on Emerging Trends in Civil Engineering	2019-2020
177	Ms. Aswathy Rajan	Ultrasonic smart glass for blind	Second International Conference on Computing, Communication and Energy Systems	2019-2020
178	Ms. Nisha Sheriff	Modelling of surveillance hovercraft	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
179	Ms. Nisha Sheriff	Automatic seat belt release system	Virtual International Conference on Advanced Technologies and Research in Mechanical Engineering	2019-2020
180	Ms. Nisha Sheriff	Multipurpose Air Cooling System	Proceedings of International Virtual Conference on Recent Innovations in Science & Technology (RIST 2020),	2019-2020
181	Ms. Nisha Sheriff	Anti-Drowning System For Cars	International Conference on Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMS'20) 20-21	2019-2020
182	Dr. Anoop V	Detection Of Waves In Ecg For Arrhythmia Classification, International Conference On Trends In Electronics And Informatics (ICOEI)	Third International Conference on Trends in Electronics and Informatics (ICOEI 2019)	2018-2019
183	Dr. Biju P. L	Painless Patient Mover	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
184	Dr. Cijil B. John	Biodiesel Production from used Coffee Grounds	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019



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185	Dr. Cijil B. John	Performance and Emission Analysis of Biofuel obtained from Rotten Potatoes	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
186	Dr. Deepanraj B.	Simultaneous effect of microwave heat source and convection heat source in turmeric drying process: drying kinetics, modeling, energy consumption and quality analysis	International Conference on Energy and Environment	2018-2019
187	Dr. Deepanraj B.	Investigation and Optimization of Machining Parameters Influence on Surface Roughness in Turning AISI 4340 Steel	International Conference on Recent Developments in Mechanical Engineering	2018-2019
188	Dr. Deepanraj B.	Numerical Modelling and Simulation of Anaerobic Digestion Process using De-Oiled Cakes	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
189	Dr. Deepanraj B.	Super Capacitor Powered Hybrid Vehicle	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
190	Dr. Deepanraj B.	Thermoelectric Generator Coupled to Engine Exhaust	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
191	Dr. George Raphael	Design and Analysis of Vertical Axis Wind Turbine with Wind Deflectors	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
192	Dr. Jarin T	Atmospheric Water Absorption Kit	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
193	Dr. JOSE P THERATTIL	A Novel LCC-LCL WPT Compensation for Better Performance	International Conference on Electrical, Computer and Communication Technologies (ICECCT)	2018-2019
194	Dr. Lawrance C. A	Supercharging in Single Cylinder Engine	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019



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195	Dr. Prajoon P	Object detection and counting using unsupervised method	2019 International Conference on Intelligent Computing and Control Systems (ICCS)	2018-2019
196	Fr. David Nettikadan	Student Monitoring System for School Bus Using Facial Recognition	3rd International Conference on Trends in Electronics and Informatics (ICOEI)	2018-2019
197	Fr. David Nettikadan	iLTI-QAT: A Model to Orchestrate Interaction Sessions in Hybrid MOOCs	2018 IEEE Tenth International Conference on Technology for Education (T4E)	2018-2019
198	Mr. Anto Zachrias	Production of Diesel from Low Density Polyethylene	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
199	Mr. Christy V. Vazhappilly	Design and Fabrication of Scrubber for Biogas Purification	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
200	Mr. Christy V. Vazhappilly	Air Brake System Using Exhaust Gas	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
201	Mr. David K J	Wireless Braking System	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
202	Mr. David K J	Automatic Ground Cleaning Device	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
203	Mr. David K J	Vehicle Alert System	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
204	Mr. Jithin K Jose	An Efficient Resonant Converter Based Charging Scheme for Electric Vehicle	2019 5th International Conference on Advanced Computing & Communication Systems (ICACCS)	2018-2019
205	Mr. Jithin K Kuriakose	Design and Fabrication of Refill Friction Stir Spot Welding Tool	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
206	Mr. M G cyriac	Beat the Plastic	World Environmmetal day 2018 in the divisinal railway manager office Palakkad	2018-2019



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207	Mr. Manoj Kumar V K	Design and Fabrication of Sea Water Purification System	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
208	Mr. Manoj Kumar V K	Flalety Tube	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
209	Mr. Melvinraj C. R	Effect of Additives on Blending of Fuels	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
210	Mr. Melvinraj C. R	U-SWaP	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
211	Mr. Nice Menachery	Water Conservation on Integration with IoT	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
212	Mr. Nice Menachery	Design and Analysis of Hybrid Vertical Axis Wind Turbine	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
213	Mr. Nice Menachery	Low Cost Adult Diaper Waste Management Method	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
214	Mr. Nice Menachery	All Terrain Wheelchair	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
215	Mr. Ponmaniraja M	PAPR Reduction in F-OFDM Modulation Scheme For 5G Cellular Networks Using Precoding Technique	International Conference Information, Communication & Computing Technology (ICICCT-2019)	2018-2019
216	Mr. Praveen Raj	Die Failure Analysis	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
217	Mr. Praveen Raj	Pneumatic Exoskeleton Chair	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
218	Mr. Praveen Raj	Composite Material Using E-Glass and E-Waste	International Conference on Advancements in	2018-2019



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			Mechanical Engineering (ICAME 2019)	
219	Mr. Sheik Afthab	Fabrication of Dent Remover	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
220	Mr. Sukesh O.P	Analysis of Friction Stir Processed Copper with Various Tool Profiles	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
221	Mr. Sukesh O.P	Design and Fabrication of Hand Driven Electric Wheel Chair	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
222	Mr. Suneeth Sukumaran	Cooling of Heavy Vehicle Drum Brake System	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
223	Mr. Suneeth Sukumaran	Design and Optimization of Solenoid Array for Braille Printing	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
224	Mr. Suneeth Sukumaran	Automatic Pneumatic Can Crusher	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019
225	Mr.Christy V Vazhappilly	Reconstruction of Human Ear Using Bio-CAD Models	Fourth International Conference on Nanomaterials: Synthesis, Characterization and Applications (ICN 2019) 12-14 April 2019 at Mahatma Gandhi University, Kottayam, Kerala, India	2018-2019
226	Ms. Bindhu K. Rajan	Light Field Imaging: - A Comparative Study of Plenoptic Image Compression Techniques	2018 International Conference on Control, Power, Communication and Computing Technologies (ICCPCT)	2018-2019
227	Ms. Bindhu K. Rajan	Efficient Enhancement of Hepatic and Splenic Carcinoma in Canine using Image Processing	2019 International Conference on Communication and Signal Processing (ICCSPP)	2018-2019
228	Ms. Nisha Sheriff	Multi-Purpose Air Cooling System	International Conference on Advancements in Mechanical Engineering (ICAME 2019)	2018-2019



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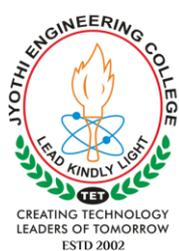
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229	Ms. Shiny MI	Security Systems in Design for Testing	Soft Computing and Signal Processing	2018-2019
230	Ms. Vincy Verghese	Performance Analysis And Modelling Of Entry Capacity Of Roundabout Under Heterogeneous Traffic	Proceedings of the 4th Kerala Technological Congress KETCON 2019	2018-2019
231	Ms. Vincy Verghese	Feasibility Study of Provision for Exclusive Bus Lanes on SH 69 in Thrissur City	Proceedings of the 4th Kerala Technological Congress KETCON 2019	2018-2019
232	Dr. Anitha Jacob, Jinesh K. J., Jisha Akkara & Jose P. Therattil	Effect of rural highway geometry on driver workload: A step towards safety	Proceedings of the International Conference in Emerging Trends in Engineering, Science and Technology (ICETEST 2018), January 18-20, 2018, Thrissur, Kerala, India	2017-2018
233	Dr. Jarin T	A revamped model of single phase step up five level inverter	IEEE International Conference on Intelligent Computing, Instrumentation and control(ICICICT-2017)	2017-2018
234	Dr. Raju C K	Design and Comparative Analysis of Mobile Computing Software Framework	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
235	Dr. Swapna B Sasi	Classification of WBC Using Deep Learning for Diagnosing Diseases	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
236	Dr. Anitha Jacob	Development of Consistency Evaluation Criteria for Indian Two-Lane Rural Highway	Transportation Research	2017-2018
237	Fr. Dr. A. K. George	Performance Analysis of Various Combination Sorting Algorithms for Large Dataset to fit to a Multi-Core Architecture	2nd International Conference on Inventive Communication and Computational Technologies (ICICCT 2018)	2017-2018
238	Mr. Anil Antony	An Intelligent System for Thyroid Disease Classification and Diagnosis	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
239	Mr. Anil Antony, Ms. Diana Davis	Brain accuracy analysis based on motion detection through gaiting	International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2017-2018



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240	Mr. Bineesh M, Ms. Aswathy Wilson	A Novel method for brain proficiency analysis based on audio tracking	International Conference on circuits Power and Computing Technologies [ICCPCT], July 2017	2017-2018
241	Mr. Dany Varghese	A Novel Approach for Diagnosing Alzheimer's Disease Using SVM	2nd International Conference on Trends in Electronics and Informatics (ICOEI)	2017-2018
242	Mr. Thomas George	Detecting Insurance Claims Fraud Using Machine Learning Techniques	International Conference on circuits Power and Computing Technologies [ICCPCT], July 2017	2017-2018
243	Mr. Aneesh Chandran	Artificial Neural Network for Diagnosing Autism Spectrum Disorder	International Conference on Trends in Electronics and Informatics (ICOEI)	2017-2018
244	Ms. Anu Sunny	High voltage gain DC-DC converter for DC microgrid	IEEE International Conference on Intelligent Computing, Instrumentation and control (ICICICT-2017)	2017-2018
245	Ms. Aswathy Wilson	An Artificial Intelligence Approach for Predicting Different Types of Stroke	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
246	Ms. Della David	An interleaved converter with maximum power point tracking	IEEE International Conference on Intelligent Computing, Instrumentation and control (ICICICT-2017)	2017-2018
247	Ms. Divya M Menon	Design of a Trusted Third Party Key Exchange Protocol for Secure Internet of Things (IoT)	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
248	Ms. Divya M Menon	Design of an integrated speed tracking and toll management system for express highways	International Conference on Computing Methodologies and Communication (ICCMC)	2017-2018
249	Ms. Jyothis T S	A Novel Approach for Mirna Target Prediction Using Deep Learning	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
250	Ms. Namitha T N	Ensemble Approach for Predicting Genetic Disease through Case-Control Study	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
251	Ms. Reshma K V	A Novel Method of Object Identification and Tagging Using Speeded-Up Robust Feature	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018



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252	Ms. Saritha P	High Gain Single Stage Inverter	IEEE International Conference on Intelligent Computing, Instrumentation and control(ICICICT-2017)	2017-2018
253	Ms. Seenia Francis	Intelligent tool for Malayalam cursive handwritten character recognition using artificial neural network and Hidden Markov Model	International Conference on Inventive Computing and Informatics (ICICI)	2017-2018
254	Ms. Sobha Xavier P	An Intelligent System for Early Assessment and Classification of Brain Tumor	International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
255	Prof . M T Rajappan Pillai	A Standalone Generative Conversational Interface Using Deep Learning	Second International Conference on Inventive Communication and Computational Technologies (ICICCT)	2017-2018
256	Dr. Jarin T, Reshma Raj, Aathira K V	Methods for Assimilating Non-Deterministic Features in PWM Tactics of Induction Motor Drives and FPGA based Experimental Presentation.	International Conference on Emerging trends in Engineering and Technology (ICETET)	2016-2017
257	Dr. Wajeed	Adopting Ant Colony Optimization for Supervised Text Classification	International Conference on Advances in Computing, Communications and Informatics (ICACCI)	2016-2017
258	Dr.Anitha Jacob, Jisha Akkara	Crash Prediction Modelling Of Rural Highway Curves Using Consistency Index,	4th Conference of Transportation Systems Engineering and Management, Transportation Engineering Division, Anna University	2016-2017
259	Dr.Anitha Jacob, Jisha Akkara	Effect Of Consistency On Safety Of Non-Urban Highway	National Conference On Recent Advances In Civil Engineering And Technology, May2017	2016-2017
260	Dr.Anitha Jacob, Jisha Akkara	Operating Speed Model Development for Two-Lane Rural Highways	National Conference on recent advances in Civil Engineering and Technology	2016-2017
261	Mr. Jenson Jose	A novel three phase three level step up multilevel inverter topology for aircraft applications.	2016 IEEE International Conference on Power Electronics, Drives and Energy Systems(PEDES).	2016-2017



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262	Mr. Kapildas K S	Improved Non isolated Bidirectional DC-DC Converter with high voltage for PV Hybrid Power Systems.	IEEE International Conference on Circuit, power and computing technologies	2016-2017
263	Mr. Ponmani Raja M	WSN based industrial parameter monitoring using smartwatch	2017 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2016-2017
264	Ms. Bindhu K. Rajan	Braille code conversion to voice in Malayalam	2017 International Conference on Communication and Signal Processing (ICCSP)	2016-2017
265	Ms. Bindhu K. Rajan	Text recognition and face detection aid for visually impaired person using Raspberry PI	2017 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2016-2017
266	Ms. Diana Davis	Haar wavelet transform based histogram concatenation model for finger print spoofing detection	International Conference on Communication and Signal Processing (ICCSP),2017	2016-2017
267	Ms. Jisha Akkara, Dr.Anitha Jacob	Design Consistency Evaluation For Two - Lane Rural Roads: A Case Study From Kerala	4th Conference of Transportation Systems Engineering and Management, Transportation Engineering Division, Anna University	2016-2017
268	Ms. Neethu Rose Thomas	Power management system in vessel	2016 Online International Conference on Green Engineering and Technologies (IC-GET)	2016-2017
269	Ms. Nyni K.A	Wireless Health Monitoring System for ECG, EMG and EEG Detecting	2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)	2016-2017
270	Mr. Abin Johns Raju	A novel security enabled speed monitoring system for two wheelers using wireless technology	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2015-2016
271	Mr. Akhil A Balakrishnan	A Closed Loop Control of Switched Coupled Inductor DC-DC Step up Converter by using a Voltage Lift Network for Micro Source Applications.	IEEE International Conference on Electrical,Electronics and Optimization Techniques(ICEEOT)	2015-2016



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272	Mr. Jenson Jose	A new three phase step up multilevel inverter for renewable energy applications.	IEEE International Conference on circuit, power and computing technologies-IEEE	2015-2016
273	Mr. Kapildas K S	Double Integrated Buck Offline Power Supply for Solid State Lighting Applications.	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016	2015-2016
274	Mr. Lippin Pauly, Christy, Melvinraj,	Numerical Simulation for Solar Hybrid Photovoltaic Thermal Air Collector	International Conference on Emerging Trends in Engineering, Science and Technology	2015-2016
275	Mr. M G cyriac	Watersupply for towns and Villages -problems and soltions	IEI and Assocaition of Public Health Engineers combined	2015-2016
276	Mr. M G cyriac	Combatting Pollution in traditional water sources of Kerala	Sri Venkateswara College of Engineering and Technology , Srikakaukalam Andra pradesh	2015-2016
277	Mr. Ponmaniraja M	Comparison Between SLM-Companing And Precoding-Companing Techniques In OFDM Systems	2016 International Conference on circuit, power & computing technologies	2015-2016
278	Ms. Aathira K V	TransformerlessDual input Dual Output DC-DC Converter for Electric Vehicles.	IEEE International Conference on Electrical,Electronics and Optimization Techniques(ICEEOT)	2015-2016
279	Ms. Aathira K V	Developed Non-isolated High Step-up converter with low voltage stress.	International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) - 2016	2015-2016
280	Ms. Della David	Interleaved Buck Converter with continuous supply current using occ technique	IEEE International Conference on Electrical,Electronics and Optimization Techniques(ICEEOT)	2015-2016
281	Ms. Della David	High gain single switch boost converter for sustainable energy applications using switched capacitor and coupled inductor	IEEE International Conference on Electrical,Electronics and Optimization Techniques(ICEEOT)	2015-2016
282	Ms. Jyothis T S	Text classification using KM-ELM classifier	International Conference on circuits Power and Computing Technologies	2015-2016
283	Ms. K U Anjali	Real-time nonintrusive monitoring and detection	2016 International Conference on Circuit, Power and	2015-2016



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		of eye blinking in view of accident prevention due to drowsiness	Computing Technologies (ICCPCT)	
284	Ms. Rengini G	Soft Switching SEPIC Boost Converter with High Voltage Gain	IEEE International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT)	2015-2016
285	Ms. Rengini G	PWM Control of Soft-Switched Single Switch Isolated DC-DC Converter.	IEEE International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT)	2015-2016
286	Ms. Reshma Raj	A review of PFC CUK Converter Fed BLDC Motor Drive Using Artificial Neural Network	IEEE international conference on Electrical, Electronics and Optimization Techniques (ICEEOT)-IEEE	2015-2016
287	Ms. Saritha P	Closed loop control of high conversion ratio isolated bidirectional DC to DC converter.	IEEE International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT)	2015-2016
288	Ms. Saritha P	Non isolated DC-DC converter using one cycle control.	IEEE International Conference on Innovation in Information, Embedded and Communication Systems (ICIIECS)	2015-2016