



Number of research papers per teachers in the Journals notified on UGC website during the last five years

Sl. No.	Name of the author/s	Title of paper	Name of journal	Year	Indexed in
1	Prajoon P	Impact of AlInN Back-Barrier Over AlGaIn/GaN MOS-HEMT With HfO ₂ Dielectric Using Cubic Spline Interpolation Technique	IEEE Transaction on Electron Devices	2019-2020	Web of Science
2	Prajoon P	A Numerical Investigation of Heat Suppression in HEMT for Power Electronics Application	Silicon	2019-2020	Web of Science
3	Prajoon P	Optical Grating Techniques for MEMS based Spectrometer - A Review	IEEE Sensors Council	2019-2020	Web of Science
4	Alwyn Varghese	Investigation on the performance of fiber reinforced concrete subjected to standard fire exposure	World Journal of Engineering	2019-2020	Web of Science
5	Cijil B John, B. Deepanraj	Estimation of fuel properties and characterization of hemp biodiesel using spectrometric techniques	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020	Web of Science
6	Cijil B John, B. Deepanraj	Palm stearin biodiesel: preparation, characterization using spectrometric techniques and the assessment of fuel properties	Biomass Conversion and Biorefinery	2019-2020	Web of Science
7	B. Deepanraj, P. L. Biju	Growth and investigations of 3rd order NLO properties of novel semi organic tartaric acid lithium sulfate single crystal for photonics application	Optical and Quantum Electronics	2019-2020	Web of Science
8	B. Deepanraj	Thematic issue: energy provision from organic by-products, residues, and wastes in Asia	Biomass Conversion and Biorefinery	2019-2020	Web of Science
9	Anoop V	Super-Resolution Based Automatic Diagnosis of Retinal Disease Detection for Clinical Application	Neural Processing Letters, Springer	2019-2020	Web of Science

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JOSEPH KALAYATHAN
 MCA, M.Sc., M.Phil., B.E.
 (Computer Science), Ph.D. (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531



Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes*

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

JYOTHI HILLS, VETTIKATTI P.O. CHERUTHURUTHY, THRISSUR, PIN-679531 PH: +91-4884-259000, 274423 FAX: 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

10	Jarin T	CAD Systems for Automatic Detection and Classification of Covid-19 in Nano CT Lung Image by Using Machine Learning Technique	International Journal of Pharmaceutical Research	of	2019-2020	Scopus
11	Aswathy Wilson	Automating the Drug Dosage of Tacrolimus for Liver, Renal Transplant Patients using Neural Network	International Journal of Innovative Technology Exploring Engineering (IJITEE)	of and	2019-2020	Scopus
12	Ninu Francis	Performance Analysis of different Classifiers for Earthquake prediction: PACE"	International Journal of Innovative Research in Technology, IJIRT	of in	2019-2020	Scopus
13	Unnikrishnan P	Enhanced sparse representation classifier for text classification	Expert Systems with Applications		2019-2020	Web of Science
14	Jarin T	Segmentation by fractional order darwinian particle swarm optimization based multilevel thresholding and improved lossless prediction based compression algorithm for medical images	IEEE Access		2019-2020	Web of Science
15	Jarin T	Neural Proliferation using Brain stimulation Methods Intended for Pediatric Neuropsychiatric Population: A Hypothesis and Theoretical Investigation	Test Engineering and Management		2019-2020	Scopus
16	Jarin T	Intelligent Parking Management System using Dijkstra's Algorithm with Driver Preferences	Test Engineering and Management		2019-2020	Scopus
17	Jarin T	Simulation on the generation of electricity from running train wheels.	International Journal of Mechanical Production Engineering Research and Development	of and	2019-2020	Scopus
18	B. Deepanraj	Investigation on novel bulk size single crystal of Glycine with metal ions grown by solution	Materials Letters		2019-2020	Web of Science

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 JOSEPH KALAYATHANKAL
 B.E., MCA, M.Sc, M.Phil, B.Ed
 (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O. - 679 531



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JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884 259000, 274473 FAX : 04884 274777



NBA accredited 8.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering, valid for the academic years 2019-2022.

		growth method for photonic applications			
19	B. Deepanraj, Nice Menachery, O.P. Sukesh	An Optimization Of Drilling Process Parameters In Machining Epoxy based Carbon Fiber Composites	International Journal of Mechanical Production Engineering Research and Development	2019-2020	Scopus
20	B. Deepanraj	An Experimental Analysis And Optimization Of Heat Treatment Parameters Of Al6061 Alloy For Improved Mechanical Properties	International Journal of Mechanical Production Engineering Research and Development	2019-2020	Scopus
21	B. Deepanraj	Investigation and Optimization of Machining Parameters Influence on Surface Roughness in Turning AISI 4340 Steel	FME Transactions	2019-2020	Web of Science
22	B. Deepanraj	Growth and investigation of novel nonlinear optical single crystal of urea potassium dichromate by solution growth technique for photonic application	Journal of Optics-India	2019-2020	Web of Science
23	B. Deepanraj	Production, optimisation and engine characteristics of beef tallow biodiesel rendered from leather fleshing and slaughterhouse wastes	Biomass Conversion and Biorefinery	2019-2020	Web of Science
24	B. Deepanraj	Investigation on single crystal by tartaric acid-barium chloride: growth and characterization of novel NLO materials	Bulletin of Materials Science	2019-2020	Web of Science
25	C. A. Lawrance	An Optimization Of Micro-Drilling Parameters In Carbon Fiber Reinforced Polymer Using Grey Relation Analysis	International Journal of Mechanical Production Engineering Research and Development	2019-2020	Scopus
26	Nice Menachery	The Low Cost Adult Diaper Waste Management Method	International Journal of Mechanical Production	2019-2020	Scopus

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JOSEPH KALAYATHAN
MCA, M.Sc, M.Phil, B.Ed
Computer Science, Ph.D (Maths)
PRINCIPAL
Jyothi Engineering College
Cheruthuruthy P.O. - 679 531



Jyothi Engineering College

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JYOTHI HILLS, VETTIKATTIRI P.O. CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91 4884 259000, 274423 FAX : 04884 274777



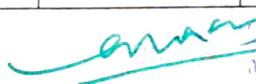
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			Engineering Research and Development		
27	Nisha Sherief	An Optimisation Of Surface Area And Heat Transfer Study Of Rectangular Porous Structure	International Journal of Mechanical and Production Engineering Research and Development	2019-2020	Scopus
28	B. Deepanraj	Effect of solid concentration on biogas production through anaerobic digestion of rapeseed oil cake	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020	Web of Science
29	B. Deepanraj	Biogas from food waste through anaerobic digestion: optimization with response surface methodology	Biomass Conversion and Biorefinery	2019-2020	Web of Science
30	B. Deepanraj	Influence of fatty acid composition on process optimization and characteristics assessment of biodiesel produced from waste animal fat	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2019-2020	Web of Science
31	Anoop V	Spectral feature and Optimization- based Actor-Critic Neural Network for arrhythmia classification using ECG signal	Journal of Experimental & theoretical Artificial Intelligence	2019 - 2020	Web of Science
32	Anoop V	CCGPA-MPPT: Cauchy preferential crossover-based global pollination algorithm for MPPT in photovoltaic system	Progress in Photovoltaics: Research and Applications	2019 - 2020	Web of Science
33	Jose P. Therattil	Hybrid control of a multi-area multi-machine power system with FACTS devices using nonlinear modeling Journal - IET Generation, Transmission & Distribution	IET Generation & Distribution	2019 - 2020	Web of Science
34	Prajoon P	A review of blue light emitting diodes for future solid state lighting and visible light communication applications, ,	Superlattices and Microstructures	2019 - 2020	Web of Science

emaas
 JOSEPH KALAYATHAN
 MCA, M.Sc, M.Phil, B.Ed
 Computer Science, Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
 Cheruthuruthy P.O.- 679 531



		Superlattices and Microstructures(J), Elsevier,			
35	Sindhu S	Design and Implementation of Instantaneous Power Estimation Algorithm for Unified Power Conditioner	Journal of Power Electronics	2019 - 2020	Web of Science
36	Anoop V	Early detection of breast malignancy using wavelet features and optimized classifier	International Journal of Imaging Systems and Technology	2019 - 2020	Web of Science
37	Jisha Akkara	Effect of Geometry on Driver Heart Rate	Transportation Research Procedia	2019 - 2020	Scopus
38	Vincy Verghese	Feasibility Study of Provision for Exclusive Bus Lanes on Urban Roads	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019	Scopus
39	Vincy Verghese	Environmental Impact Assessment of Thrissur-Vadanapally Road Project	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019	Scopus
40	Dr.Anitha Jacob	Use of Data Mining Technique for Systematic Road Safety Audit of Non-urban Highways	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019	Scopus
41	Dr.Anitha Jacob	Activity Based Transportation Modeling for Chelakottukara ward of Thrissur District	International Journal of Engineering and Advanced Technology (IJEAT)	2018-2019	Scopus
42	Anoop V	Medical image enhancement by a bilateral filter using optimization techniques, Journal of Medical Systems-Springer	Journal of Medical Systems	2018-2019	Web of Science
43	Prajoon P	"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-HEMTs for Future	IETE Journal of Research	2018-2019	Web of Science


JOSEPH KALAYATHANKAL
 M.A., MCA, M.Sc., M.Phil., B.Ed
 Computer Science, Ph.D (Maths)
 PRINCIPAL
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		Submillimetre wave and THz Applications			
44	Jarin T	Numerical analysis of circularly polarized modes in coreless photonic crystal fiber	Elsevier-Results in Physics	2018-2019	Web of Science
45	Jarin T	Exploring magnetic fluid sensor using dual circular core elliptical cladding photonic crystal fiber	Elsevier-Results in Physics	2018-2019	Web of Science
46	Jarin T	Evaluation of various benchmark processes with appropriate controller design in LabVIEW platform	Journal of Instrumentation	2018-2019	Web of Science
47	Jarin T	Evaluation strategies for wireless ultra wideband communication towards orthopedic surgical scheme	Journal of Medical Imaging and Health Informatics.	2018-2019	Scopus
48	Jarin T	Corrosion of reinforcement in concrete with fly ash and manufactured sand	Material Research Innovations	2018-2019	scopus
49	B. Deepanraj	Energy and exergy analysis, drying kinetics, modelling and quality parameters of microwave - dried turmeric slices.	Journal of Thermal Analysis and Calorimetry	2018-2019	Web of Science
50	B. Deepanraj	Experimental Investigation on Performance, Combustion and Emission Analysis of a Direct Injection Diesel Engine fuelled with Rapeseed Oil Biodiesel	Fuel	2018-2019	Web of Science
51	Jarin T	Low cost wireless telemetry system for deep brain stimulation	International journal of scientific research and review	2017 - 2018	Web of Science
52	Gibin George	Tuning characteristics of Co3O4 nanofiber mats developed for electrochemical sensing of glucose and H2O2	Thin Solid Films	2016-2017	Web of Science
53	Dr. Wajeed	Semi-Supervised Distributional Vector Generation Techniques for Text Classification	Indian Journal of Science and Technology	2016 - 2017	Scopus

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Dr. JOSEPH KALAYATHANKAL
 B.Tech, MCA, M.Sc, M.Phil, B.Ed
 (Computer Science), Ph.D (Maths)
 PRINCIPAL
 Jyothi Engineering College
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