



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC
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NAAC Cycle 2

Criterion: 3.3.1

3.3.1 Link to Journal Home Page

Sl.No	Title of paper	Link to Journal Home Page
2018-19		
1	A Feasibility Study On C-RAN	https://zenodo.org/
2	Microcalcification Detection In Digital Mammogram	https://zenodo.org/
3	An improved classification system for brain tumors using wavelet transfer and neural network	https://www.mona.uwi.edu/
4	Epilepsy detection based on EEG signals	https://zenodo.org/
5	A Critical analysis on the evolution in the E-payment system ,security risk threats and vulnerability	https://www.caeaccess.org/
6	Metamaterial patch antenna with PBG structure to reduce surface wave	https://iraj.in/journal/
7	ELM Based Detection of Micro calcification in Mammogram using GLCM Features	https://link.springer.com/
8	A Hybridized ELM for Automatic Micro Calcification Detection in Mammogram Images Based on Multi-Scale Features	https://link.springer.com/
9	MICROGRIDS -A FUTURE SMART GRID DESIGN	https://matjournals.in
10	A novel design for PV integrated buck converter using MPPT and sub MPPT	https://www.jardcs.org/
11	Brain tumor detection and segmentation using a wrapper based genetic algorithm for optimized feature set	https://link.springer.com/
12	Emerging Techniques and Trends in DNA Cryptography	https://computerjournals.stmjournals.in/index.php/JoCTA/article/view/601
13	Survey on Static and Dynamic Hand Gesture Recognition Techniques	https://www.ijsr.net
14	ELM Based Detection of Microcalcification in Mammogram using GLCM Features	https://link.springer.com/
15	Experimental analysis and effects of Gasoline as an additive in Compression Ignition Engine	https://www.ijitee.org
16	Modeling of a Gasifier Using Cycle-Tempo for SOFC Applications	https://pubs.aip.org





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NAAC Cycle 2

Criterion: 3.3.1

17	Biomass Densification of Ahl Powder Mechanical Properties Using RSM	https://intercienciajournal.com/intercienciajournal/index.php
18	Thermal Degradation On Biomass Briquettes Of Artocarpus Heterophyllus Leaf Powder	https://intercienciajournal.com/intercienciajournal/index.php
19	Grid frequency regulation by hybrid system using energy storage system	https://informaticsjournals.com/index.php/ijprvd
20	A Hybridized ELM for Automatic Micro Calcification Detection in Mammogram Images Based on Multi-Scale Features	https://link.springer.com/
21	Automatic diagnosis of diabetic retinopathy with the aid of adaptive average filtering with optimized deep convolutional neural network	https://onlinelibrary.wiley.com/journal/10981098
22	Analysis of ph neutralization using ANFIS based queuing algorithm	http://www.iardcs.org
23	Fractional order controller design for SEPIC converter using metaheuristic algorithm	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems
24	Watermarking Schemes for High Security with Applications and Attacks: Research Challenges and Open Issues	https://www.ijrte.org
25	Corrosion rate of Al-Si Alloy Reinforced with B4C Nanoparticle prepared by Powder Metallurgy Method using RSM	https://www.ijitee.org/
26	Development of an Adaptive PID Controller for a Nonlinear Process	https://www.ripublication.com/ijaer.htm
2019-20		
1	Emerging Techniques and Trends in DNA Cryptography	https://computerjournals.stmjournals.in/index.php/JoCTA/index
2	Survey on Static and Dynamic Hand Gesture Recognition Techniques	https://www.ijsr.net
3	A Hybridized ELM for Automatic Micro Calcification Detection in Mammogram Images Based on Multi-Scale Features	https://link.springer.com/





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NAAC Cycle 2

Criterion: 3.3.1

4	Experimental analysis and effects of Gasoline as an additive in Compression Ignition Engine	https://www.ijtee.org
5	Modeling of a Gasifier Using Cycle-Tempo for SOFC Applications	https://pubs.aip.org/aip/acp
6	Biomass Densification of Ahl Powder Mechanical Properties Using RSM	https://intercienciajournal.com/
7	Thermal Degradation On Biomass Briquettes Of Artocarpus Heterophyllus Leaf Powder	https://intercienciajournal.com/
8	Grid frequency regulation by hybrid system using energy storage system	http://www.ijprvd.info
9	Elm Based Detection of Micro-Calcification in Mammogram using Glcm Features	https://www.ijrte.org/
10	Design of a novel controller to stabilize the dc level of photovoltaic system for low voltage standalone applications	http://www.jardcs.org
11	Automatic diagnosis of diabetic retinopathy with the aid of adaptive average filtering with optimized deep convolutional neural network	https://onlinelibrary.wiley.com/journal/10981098
12	Design of a Novel Controller to Maintain DC Level of PV System for Low Voltage Applications – a Review	https://www.ijrte.org
13	Improved Least Mean Square Algorithm for 5G signals in Microwave –Photonic Link	https://www.ijrte.org
14	Increasing the Coverage Area Using Microcells in Hybrid GFDM System based on RoF Technology	https://www.ijrte.org
15	Enhanced Noise Curtailing In Long Haul Multi Service 5g Cellular Optical Hybrid Networks	https://jardcs.org/
16	Watermarking Schemes for High Security with Applications and Attacks: Research Challenges and Open Issues,	https://www.ijrte.org
17	Corrosion rate of Al-Si Alloy Reinforced with B4C Nanoparticle prepared by Powder Metallurgy Method using RSM ,	https://www.ijtee.org/
18	Development of an Adaptive PID Controller for a Nonlinear Process	https://www.ripublication.com
19	Non linearity mitigation and dispersion reduction using Bussgang theorem, modified MSE and improved MLE equalizers,	https://www.sciencedirect.com/journal/microprocessors-and-microsystems





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NAAC Cycle 2

Criterion: 3.3.1

20	Moth-Flame Optimization Based Radiant Thermal Pattern Controller for Continuous Stirred Tank Heater	https://www.ijstr.org
21	Design and development of new control technique for standalone PV System	https://www.sciencedirect.com/journal/microprocessors-and-microsystems
22	Detection of pH Neutralization Technique in multiple tanks using ANFIS controller	https://www.sciencedirect.com/journal/microprocessors-and-microsystems
23	Various Methods for Object Detection Based on Deep Learning	https://www.ijrte.org
24	Optimization algorithms, an effective tool for the design of digital filters; a review	https://www.sciencedirect.com/journal/microprocessors-and-microsystems
25	An improved brain tumor classification system using Wavelet transform and Neural network	https://www.mona.uwi.edu
26	A novel decision support system for malignant tumor using 3D reconstruction and volumetric analysis	https://www.jardcs.org/
27	Surface structural features and wear analysis of a multilayer Ti-6Al-4V-B 4 C thin film coated AISI 1040 steel	https://iopscience.iop.org
28	Radio Frequency Identification (RFID): A co-generation tool in Product Life cycle Management (PLM)	https://www.ijitee.org
29	A Controllable Window Function for modelling nonlinearity of a HP Memristor model resultant from sigmoidal behaviour of Memristive method.	https://www.researchgate.net/publication/349238299_Studia_Rosenthalian_a_Journal_for_the_Study_of_Research
30	Wear and Corrosion Behavior of Ti-based Coating on Biomedical Implants	https://www.tandfonline.com/journals/ysue20
31	Optimization Tool Wear on Hard Turning of AISI4140 Steel with Coated Carbide Tool Cutting Conditions	https://www.ijitee.org
32	Machine Tool Vibration on dimensional accuracy and Surface Roughness during Milling Operation of Al6082 with Index able Carbide Inserts	https://www.elsevier.es/en-revista-journal-applied-research-technology-jart-81
33	TG/DTA studies on the oxidation and thermal behaviour of Ti-6Al-4V-B 4 C coatings obtained by magnetron sputtering	https://www.elsevier.es/en-revista-journal-





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NAAC Cycle 2

Criterion: 3.3.1

		applied-research-technology-jart-81
34	Optimization algorithms, an effective tool for the design of digital filters; a review	https://link.springer.com/journal/12652
35	Individual customization strategy accomplished by developing prototype of a laparoscopic forceps handle using additive manufacturing	https://www.emerald.com/insight/
36	Improved Proportional Fair Algorithm for Transportation of 5G Signals in Internet of Medical Things	https://www.ijitee.org
2020-21		
1	Smart Stick for blinds with advanced face recognition and Vehicle detection using machine learning	https://www.ijraset.com/
2	Effect of Nano B 4 C on the Tribological behaviour of magnesium alloy prepared through powder metallurgy	https://matsc.ktu.lt/index.php/MatSc
3	Tensile and compression behaviour, microstructural characterization on Mg-3Zn-3Sn-0.7Mn alloy reinforced with SiCp prepared through powder metallurgy method	https://iopscience.iop.org/journal/2053-1591
4	Dry Sliding Friction of Al-Si-B 4 C Composites Prepared Through Powder Metallurgy using Taguchi Design	https://www.ijitee.org
5	Analysis of Sneak Path Issues in Memristor Based 4x4 And 8x8Crossbar Nonvolatile Random Access Memory Array	https://solidstatetechnology.us
6	Prediction and performance emission characteristics of direct Ignition engine with biofuel using artificial neural networks	https://intercienciajournal.com
7	optimization on friction and wear behavior of Al-Si alloy reinforced with B4C particles by Powder Metallurgy using Taguchi design	https://journals.pan.pl
8	Early detection and classification of breast tumor from mammogram images	https://e-journal.uajy.ac.id
9	A tumor segmentation approach from FLAIR MRI brain images using SVM and genetic algorithm	https://www.inderscience.com/jhome.php?icode=ijbet
10	Detection and classification of breast cancer from digital mammograms using Hybrid Extreme Learning Machine Classifier	https://onlinelibrary.wiley.com/journal/10981098





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NAAC Cycle 2

Criterion: 3.3.1

11	Driver Exhaustion Detection Systems	https://ijesc.org
12	Approaching Bus Driver Collapse Exposure Entity Situated upon Rumbustious Observable Inquiry as Concerns Eye Eventuality	https://www.ijraset.com
13	Kidney Transplantation System for Matching and Donor Recipient Verification using BlockChain	https://portal.issn.org/resource/ISSN/2321-9653
14	Script identification: A Review	https://troindia.in
15	Identification of Plant Disease: A Review	https://troindia.in/journal/ijcesr/index.html
16	Machine Learning and Internet of Things based Fruit Quality Monitoring System: A Proof of Concept Implementation and Analysis	https://www.ijraset.com
17	Automatic Form Filler	https://www.ijraset.com
18	Weight Optimized Neural Network for Heart Disease Prediction using Hybrid Lion Plus Particle Swarm Algorithm	https://www.sciencedirect.com
19	Bitcoin : An Overview of the Innovative Decentralized Digital Currency	https://www.academia.edu
20	Frame-Angle Controlled Wavelet Modulated Inverter and Self-Recurrent Wavelet Neural Network-Based Maximum Power Point Tracking for Wind Energy Conversion System	https://ieeaccess.ieee.org/
21	MODELING AND CONFIGURATIONS OF AN ELECTRIC VEHICLE	https://iaeme.com
22	A Bibliometric Review of Stock Market Prediction: Perspective of Emerging Markets	https://sciendo.com/journal/ACSS
23	Comparison Method of PSO and DE Optimization for MPPT in PV Systems under Partial Shading Conditions	http://www.rericjournal.a it.ac.th/index.php
24	A Unified Tensor Framework for Clustering and Simultaneous Reconstruction of Incomplete Imaging Data	https://dl.acm.org/journal/tomm
25	A Two-Way Optimization Framework for Clustering of Images using Weighted Tensor Nuclear Norm Approximation	https://ieeexplore.ieee.org
26	Automated breast cancer detection using hybrid extreme learning machine classifier	https://link.springer.com/journal/12652





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2021-22		
1	Maximum Power Tracking and Power Sharing in Grid Connected WECS Using Modified PFC Rectifier and PR Controlled Inverter	https://www.tandfonline.com/journals/uemp20
2	ZrC-Impregnated Titanium-Based Coating as an Effective Lubricating Barrier for Artificial Hip Prosthesis	https://www.astm.org/
3	Early detection of breast malignancy using wavelet features and optimized classifier	https://onlinelibrary.wiley.com/journal/10981098
4	Malignancy detection on mammograms by integrating modified convolutional neural network classifier and texture features	https://onlinelibrary.wiley.com/journal/10981098
5	Automated Papaya Farm Monitoring system using Unmanned Aerial Vehicle (UAV)	https://papers.ssrn.com
6	Deep learning based robust medical image watermarking exploiting DCT & Harris hawks optimization	https://onlinelibrary.wiley.com
7	Computational system for medical image authentication using watermarking	https://link.springer.com/conference/comesyso
8	Prediction of fatigue crack initiation life in SA312 type 304LN austenitic stainless steel straight pipe with nodes	https://www.sciencedirect.com/journal/nuclear-engineering-and-technology
9	Influence of AZ91 Alloy Reinforced with Nano B4C particles on Microstructural Characterization, Mechanical and Tribological Properties prepared Through Powder Metallurgy	https://iopscience.iop.org
10	Performance Characterization of a Solar Cavity Collector Using Artificial Neural Network	https://www.hindawi.com/journals/mse/
11	Sports Utility Vehicle Prediction based on Machine Learning Approach	https://www.elsevier.com/locate/journal-of-applied-research-and-81
12	Flexural Behaviour of RC Beams with a Circular Opening at the Flexural Zone and Shear Zone Strengthened Using Steel Plates	https://www.hindawi.com/journals/ace/





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13	Investigation on mechanical properties for PolyJet-printed parts involving material reduction strategy	https://www.inderscience.com/jhome.php?jcode=ijrapidm
14	Preliminary prototype and analysis of a customized handle for winding machine using fused filament fabrication	https://www.prepare.org.in/
2022-23		
1	Breast cancer detection in mammogram: combining modified CNN and texture feature based approach	https://link.springer.com/
2	Flame dynamics of premixed CH ₄ /H ₂ /air flames in a microchannel with a wall temperature gradient	https://www.tandfonline.com/journals/tctm20
3	Effect of hydrogen addition on the dynamics of premixed C ₁ C ₄ alkane-air flames in a microchannel with a wall temperature gradient	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy
4	A Review on Power Generation Enhancements in a Pumped Storage Powerhouse by Using Appropriate Guide Vane Sealing Material	https://engineeringjournals.stmjournals.in/index.php/index/index
5	Effectiveness of Feature Extraction by PCA-Based Detection and Naive Bayes Classifier for Glaucoma Images	https://www.hindawi.com/journals/ijdmdb/
6	Compression behaviour Mg-Zn-xSr-HA hybrid nanocomposites through powder metallurgy method	https://www2.cloud.editorialmanager.com/matpr/default2.aspx
7	Tribological and mechanical properties Mg-Zn-xSr-HA hybrid nanocomposites prepared by powder metallurgy technique	https://www2.cloud.editorialmanager.com/matpr/default2.aspx
8	Wind energy conversion system-based PMSG for maximum power tracking and grid synchronization using adaptive fuzzy logic control	https://jart.icat.unam.mx
9	Weapon detection using ML for PPA	https://link.springer.com/book/10.1007/978-981-16-7330-6
10	Effect of hydrogen addition on the dynamics of premixed c ₁ -c ₄ alkaline air flames in a microchannel with a well temperature gradient	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy





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11	Sustainable Green Connected Systems Through Integrated Organic Waste Management Eco-model for the Green Clean Campus	https://iopscience.iop.org/journal/1938-5862
12	PRODUCTIVITY ASSESSMENT MODEL USING PRODUCTIVITY ASSESSMENT MODEL USING FUZZY LOGIC APPROACH	https://ijcrt.org
13	ANALYSIS OF CONCRETE FILLED DOUBLE SKIN STEEL COLUMN WITH FRP WRAPPING	https://ijcrt.org
14	NUMERICAL INVESTIGATION AND COMPARISON STUDY OF COLD FORMED STEEL CASTELLATED I-SECTION	https://ijcrt.org
15	5G-Telecommunication Allocation Network Using IoT Enabled Improved Machine Learning Technique	https://www.hindawi.com

