Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

Sharad Institute of Technology College of Engineering

Yadrav (Ichalkaranji)-416 121 Dist: Kolhapur

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Journal Publication

Sr.No	Name of Authors	Title of Paper	Name of Journal
1	Dr G. S. Patel	Displaying Image through VGA Cable using Verilog	Displaying Image through VGA Cable using Verilog
2	Dr G. S. Patel	Study of End to End Image Processing System including Image De-noising, Image Compression & Image Security	International Journal of Wireless Personal Communication
3	Dr G. S. Patel	Analysis of improved ez-pass router design and its FPGA implementation	Journal of Harbin Institute of Technology
4	Dr G. S. Patel	Development of improved speed AES based on key dependent intra-round operations	Journal of Theoretical and Applied Information Technology

5	Dr G. S. Patel	Design Of Power, Area and Delay Optimized Direct Digital Synthesizer Using Modified 32-Bit Square Root Carry Select Adder	Journal of Circuits, Systems and Computers
6	Dr G. S. Patel	An Ultra-Low-Power C-Band FMCW Transmitter Using a Fast Settling Fractional-N DPLL and Ring-Based Pulse Injection Locking Oscillator	Journal of Circuits, Systems and Computers
7	Dr G. S. Patel	A comparative study on approximate low power multipler	Journal of east china university of science and technology
8	Mrs. S. R. Ghorpade	Glove Mouse	International Journal of Research Publication and Reviews
9	Ms.S.Y.Salunkhe	Survey of Different Techniques to Detect Alzheimer's Disease	Survey of Different Techniques to Detect Alzheimer's Disease
10	Mr. V. S. Wadkar	A Review on Distributed Energy System and Smart Inverters	International Journal of Multidisciplinary Educational Research

11	Dr. K Hussain	Design and Monitoring of a Wireless Sensor Network based Environmental Security System using IoT	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)
12	Dr. K Hussain	Developing Smart IOT Bio Micro strip Patch Antennas on Electromagnetic Modelled Dual Power Systems for improved Environmental Performance	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)
13	Mr. A A Suryawanshi	STATCOM for addressing Power Quality Issues	International Journal of Multidisciplinary Educational Research
14	Mr. S. B. Gurav	A novel approach for preprocessing the whole slide images of prostrate Histopathalogy for omproved diagnosis	JRDCS
15	Mr. S. B. Gurav	Prostrate Cancer detection using histopathalogy images and classification using improved rideNN	
16	Mr. S. B. Gurav	Fuzzy integrated Salp swarn algorithm based rideNN for prostrate cancer detection using histopathalogy images	
17	Mr. P. B. Patil	A Survey on attribute based encryption access control scheme in cloude	IJSART
18	Mr. P. B. Patil	All in One E-Learning Web Application	IJSART
19	Mr. P. B. Patil	Some concepts of internet of things	Mat Journels

20	Mr. Venkatesh Shankar	Rendered low energy adaptive cluster head wireless sensor network	IJRECE
21	Mr. Venkatesh Shankar	Reinforce PSO based supportng cluster head energy optimization(RPSO-CHEO)in WSN	JRDCS
22	Mr. Venkatesh Shankar	Health prediction using data mining symptoms based disease prediction	NCERT
23	Dr. A.V. Turukmane	Multiways security techniques for tracing packet in DOS attack	NCERT
24	Dr. A.V. Turukmane	Factory worker alcohol detector	NCERT
25	Dr. A.V. Turukmane	Student Reminder Android based system	IJEAT
26	Dr. A.V. Turukmane	A review on Elliptic curve cryptography for big data transpotation	JARDCS
27	Mr.B.J.Gorad	Develement of intelligent monitoring IOT solution for indian	NCERT
28	Mr.B.J.Gorad	Window quotation and design maker application	NCERT
29	Ms. V. A. Jujare	Framework for secure data sharing in Dynamic Group using public cloude	IJRAR
30	V. A. Jujare	Cloude computing: Approach, structure and Security	IEEE Explore
31	Ms. Sonali Patil	Cyberbullying Detection and Avoidance	IJRAR
32	Dr. S. K. Muthusunder	Advanced Component Study on Content Based Feature Shape image retrival technics	IJRAR
33	Dr. S. K. Muthusunder	Study of Familer Web data Extraction by Web and Sceen Scraping Technic	IJRAR

34	S. K. Muthusundar	IOT for health Monitoring System Based on Machine Learning Algorithm	Springer
35	S. K. Muthusundar	Steering Angle Prediction using Convolutional Neural Network	ManTech Publication
36	U. M. Mullani	Medicare Hospital Management	IRJMETS
37	U. M. Mullani	Augumentede Reality and Machine learning is used to capture and paste world with your phone	IJSART
38	U. M. Mullani	Plant Diesease Detection using machine learning	IRJMETS
39	Mr. G. K. Kamat	Divyang Mitra: Smart Voice controled device	IRJMETS
40	Dr.M.Sankar	Image processing based intelligent traffic controlling & monitoring system using IOT.	ICRIET- 20
41	Mr.S.S.Gurav	Improved accuracy of suspicious activity detection in surveillance video	IJEAT
42	Dr.N.Babu Mr.T.M.Diwakar Mrs.D.M.Biradar Dr.Tavade	Upcoming Strenghts on IOT	JARDCS
43	Dr.N.Babu Ms.S.Y.Salun khe Mrs.P.D.Ghate Mrs.D.M.Biradar	Enhancement of RVM using FPGA	JARDCS
44	Ms.K.N.Rode	Taxonomy of multiple sclerosis MR images using different techniques: A survey	JARDCS

45	Mr.T.M.Diwakar, Ms.P.D.Ghate Ms.D.M.Biradar Ms.S.Y.Salunkhe	Emerging steps in mobile network 5G to 7G:Review	IJRAR
46	Mr.Khandare V.V	Design of ECG acquisition system & Noise removal using MSP430 controller	MAT
47	Mr.Khandare V.V	IOT based Monitoring system in smart agriculture	MAT
48	Dr.N.Babu	The Eye Retinal Blood Vessel Bonding by Image Processing	IJRTE
49	Dr.N.Babu Mr.V.V.Khandare Mr.R.A.Chougule Mr.M.A.Chimanna	Automatic cold Drink Vending Machine with Reverse vending System for Empty Bottles & Monitoring System using VLSI	IJITEE
50	Mr.S.S.Gurav	An Efficient Method for Suspicious Activity Detection	IJITEE
51	Mr.Gurav S S	Quest 2K19	2nd NCRTET- 19
52	Mr.M.S.Sonale	Modern car safety system using PIC Microcontroller	MAT
53	Mr.Gurav S.S	Inter –Vehicle Communication System Using Li-Fi Technology	MAT
54	Mr.Gurav S.S	Image processing Based Notice Board Reader Using Raspberry Pi	MAT
55	Ms.Priya.D.G hate	Automatic facture Recovery and limb lengthening system using Ilizarov	MAT
56	Mr.Khandare V.V	Design of ECG Acquisition system and Noise Removal using MSP430	MAT
57	Ms.M.B.Mulik	IOT Based Roads Intelligence Systems	MAT

58	Ms.S S.Halunde	A Methodology to Secure ATM System Using Microcontroller	MAT
59	Dr N Babu	An ARM-Cortex M3 based Embedded HTTP server design for data Acquisition.	JARDCS
60	Dr. Pushpender Sarao	Performance Analysis of MANET under Security Attacks	Journal of Communication
61	Dr. Pushpender Sarao	Reactive and Proactive Route evaluation in MANET	Journal of Communication
62	Dr. Shikalgar S. K.	Optimized Active Contor Segmentation Model for Medical Image Compression: Introduction to Improved Marriage in Honey Bees Optimization	International Journal of Engineering Education
63	Dr. Shikalgar S. K.	Optimized active contor segmentation model for medical image compression	Bimedical Signal processing and Control
64	Dr. A. A. Bagade	Bipolar resistive switching with coexistence of mem-elements in the spray deposited CoFe2O4 thin film	Journal of Materials Science: Materials in Electronics
65	Dr. A. A. Bagade	Mimicking the synaptic weights and human forgetting curve using hydrothermally grown nanostructured CuO memristor device	Journal of nanoscience and nanotechnology
66	Dr. A. A. Bagade	Nanocrystalline immobilised ZnO photocatalyst for degradation of benzoic acid and methyl blue dye	Materials Research Bulletin

67	Dr. A. A. Bagade	Photoelectrocatalytic activity of immobilized Fe2O3 photoelectrode for degradation of salicylic acid and methyl orange dye under visible light illumination	Ionics
68	Dr. A. A. Bagade	Nanocrystalline Bi2Te3 thin films synthesized by electrodeposition method for photoelectrochemical application	Materials Science in Semiconductor Processing
69	Dr. A. A. Bagade	Mimicking the Biological Synapse Functions of Analog Memory, Synaptic Weights, and Forgetting with ZnO-Based Memristive Devices	Journal of Nanoscience and Nanotechnology
70	Dr. A. A. Bagade	Photoelectrocatalytic activity of spray deposited Fe2O3/ZnO photoelectrode for degradation of salicylic acid and methyl orange dye under solar radiation	Materials Science and Engineering: B
71	Dr. A. A. Bagade	To Study of Structural, Magnetic and Dielectric Properties of Cd2+ Substituted Nickel Ferrite Oxide (Ni1-Xcdxfe2o4) Synthesis by Auto-Combustion Route	Journal of Emerging Technologies and Innovative Research
72	Dr. A. A. Bagade	The Structural, Electric and Dielectric Properties of Ni0.7Cd0.3NdxFe2-xO4 (0≤x≤0.03) Ferrite Prepared via Oxalate Co-Precipitation Route	Iranian Journal of Materials Science and Engineering
73	Mr.M. S. Kulkarni	A structure of SHE-PWM techniques for cascaded multilevel inverters with fault tolerant capability against open circuit faults	Journal of Advanced research in dynamical & control systems

74	Mr. A.A. Suryawanshi	A structure of SHE- PWM techniques for cascaded multilevel inverters with fault tolerant capability againstopen circuit faults	Journal of Advanced research in dynamical & control systems
75	Dr. T. Daniel Raj	A structure of SHE-PWM techniques for cascadedmultilevel inverters with fault tolerant capability against open circuit faults	Journal of Advanced research in dynamical & control systems
76	Mr. A. L. Jamadar	A structure of SHE-PWM techniques for cascadedmultilevel inverters with fault tolerant capability against open circuit faults	Journal of Advanced research in dynamical & control systems
77	M. A. Mulla	A new method of selective harmonic elimination PWM for H bridge cascaded multilevel inverter	International Journal of engineering & advanced technology
78	Mr. G. A. Chougule	A new method of selective harmonic elimination PWM for H bridge cascaded multilevel inverter	International Journal of engineering & advanced technology

79	Dr. T. Daniel Raj	A new method of selective harmonic elimination PWM for H bridge cascaded multilevel Inverter	International Journal of engineering & advanced technology
80	Mr C. S. Patil	A new method of selective harmonic elimination PWM for H bridge cascaded multilevel inverter	International Journal of engineering & advanced technology
81	Mr. V. S. Wadkar	Wireless Power Transmission by Inductive Coupling	Journal of Control and Instrumentation Engineering
82	Mr. V. S. Wadkar	Design of LC Meter Using Arduino	Journal of Instrumentation and Innovation Sciences
83	Mr. C D Patil	High gain DC-DC Converter with minimum input ripple for EV.	International journal of Engg. science & computing
84	Mr. A. L. Jamadar	Basic Design of Electric Vehicle	International Research Journal of Engineering and Technology (IRJET)

85	Mr. A. L. Jamadar	A Review on Low-Noise Switched Reluctance Motors in Electric Vehicle Applications	International Journal of Engineering Science and Computing
86	Mr.M. S. Kulkarni	Design and implementation of non-isolated half bridge DC-DC bidirectional converter using fuzzy logic	Journal of switching hub — MAT Journals
87	Mr.M. S. Kulkarni	Design and implementation of full bridge non-isolated DC-DC bidirectional converter using	fuzzy logic Journal of embedded systems and processing — MAT Journals
88	Mr. V. S. Wadkar	Electrical energy generation by using gym equipment	International Journal of Engineering, Education & Technology
89	Mr.C. D. Patil	Industrial PVC Pipe Counting Using Image Processing and Email Notification	International Journal for Research in Applied Science & Engineering Technology

90	Mr. P. R. Patil	Forward Converter with Modified Reset Winding for Wide Input Voltage Range	MAT Journals — Journal of Control & Instrumentation Engineering
91	Ms. A. A. Londhe	Design of Battery Health Monitoring System Using Arduino Uno	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)
92	Ms. A. A. Londhe	IoT Based Smart Agriculture System for Grapes	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)
93	Dr. T. Daniel Raj	Raspberry-pi Based Dual Axis Solar Tracking System	International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering
94	Mr. A. L. Jamadar	Novel Approach in Headlamp Operations for Improving Road Safety	International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering

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96	M A Mulla	Transmission line monitoring and control	International Journal of Advance Scientific Research and Engineering Trends
97	M A Mulla	Smart Substation Monitoring and Controlling by using IOT and GSM	International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering
98	Mr. Suryawanshi A A	Design and Development of Electromagnetic Braking System	International Journal of Advanced Research in Electrical
99	Dr. K Hussain	Smart Substation Monitoring and Controlling by using IOT and GSM	International Journal of Advanced Research in Electrical
100	Mr. Suryawanshi A A	Automatic Cleaning of Solar Panel with Maximum Power Tracking by using Arduino	International Journal of Advanced Research in Electrical
101	Mr. P. R. Patil	12v dc to 230v ac microinverter	International Journal of Advanced Research in Electrical

102	Mr. C. D. Patil	An Improved Interleaved High Power Flyback Inverter for PV Application	International Journal of Advanced Research in Electrical
103	Dr. K. Hussain	Multi-Objective Flower Pollination Algorithm Based Controller for UPQC Including Hybrid Power Source	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
104	Mr. V. S. Wadkar	Design and Implementation of Supercharger for Lithium Ion Battery	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
105	Mr.M. S. Kulkarni	SHE-PWM Cascaded ML Inverter Structure with Fault Tolerance over Open Circuit Faults	Journal of Advanced research in dynamical & control systems
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112	Mr C. S. Patil	A new method of selective harmonic elimination PWM for H bridge cascaded multilevel inverter	International Journal of engineering & advanced technology
113	Mr C. S. Patil	Multifunctional Agricultural Robot by Using Raspberry Pi 3B+	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering
114	Mr.V.K.Naik Mrs.M.V.Sabale Mr.Y.S.Patil Mr.Y.U.Kulkarni	Hydro-Chemical Analysis of Ground water for Irrigation and Drinking Purpose in Kolhapur,Maharashtra Region,India	The Asian Review of Civil Engineering

115	Vishal Patil, Paramvir Singh, Sachin Sonage, Neeraj Kumbhakarna, Sudarshan Kumar	Applicability of Ketone-Gasoline Blended Fuels for Spark Ignition Engine through Energy-Exergy Analyses	Fuel
116	Vishal Patil, Paramvir Singh, Sachin Sonage, Neeraj Kumbhakarna, Sudarshan Kumar	Validation of Gasoline Surrogates through Thermodynamic Analysis of Spark-Ignition Engine	Journal of Energy Resources Technology
117	Vishal Patil, Paramvir Singh, Sachin Sonage, Neeraj Kumbhakarna, Sudarshan Kumar	Experimental investigation to assess the efficacy of gasoline surrogates with engine testing	Fuel
118	Vishal V Patil, Ranjit S Patil	Investigations on Effects of Varying Ignition Delay Period for the Sunflower Oil Methyl Ester	Journal of Institution of Engineers (India): Series C,
119	Paramvir Singh, Pragya Berwal, Vishal Patil, Bhupendra Khandelwal, Sudarshan Kumar	Impact of Ammonia Blended Fuels on NOx Emissions in Combustion Engine	AIAA

120	Vishal V. Patil, Ranjit S. Patil	Experimental Investigations to Predict Optimistic Biodiesel(s) and its Optimistic Operating Conditions by Varying Ignition Delay Period and Fuel Spray Pressures for Lower Emissions and Better Performance	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science
121	V. V. Patil, R. S. Patil	Effects of Partial Addition of Butanol in Rubber seed Oil Methyl Ester Diesel Blend	Journal Materials Today: Proceedings
123	Manjit Khade, Shrirang Chavan, Ajit Patil	Development and Testing of MR Damper	International Journal of Recent Technology and Engineering (IJRTE)
124	M. M. Khade, Prof. Dr. S. P Chavan, Mr. A. P. Patil, Pramesh Dileep Shendage	Analysis of effect of coating materials on dynamic properties of structure	Journal of Emerging Technologies and Innovative Research
125	Dr. Suyog S. Patil	A new approach for Failure Modes, Effects and Criticality Analysis Using ExJ-PSI Model- A Case Study on Boiler System.	Applied Sciences
126	Dr. Suyog S. Patil	Development of Optimized Maintenance Program for a Steam Boiler System Using Reliability-Centered Maintenance Approach	Sustainability

127	Dr. Suyog S. Patil	Reliability Analysis of A Steam Boiler System by Expert Judgment Method and Best Fit Failure Model Method: A New Approach	International Journal of Quality and Reliability Management
128	Dr. Suyog S. Patil	Availability analysis of boiler in process industries using failure and repair data: A case study	Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering
129	Dr. Suyog S. Patil	Optimization of Maintenance Strategies for Steam Boiler System using Reliability Centered Maintenance (RCM) Model - A case study from Indian Textile Industries	International Journal of Quality and Reliability Management
130	Dr. Adik Takale	Effect of Wire Electro Discharge Machining Process Parameters on Surface Integrity of Ti49.4Ni50.6 shape memory alloy for Orthopedic Implant Application	Materials Science and Engineering C
131	Dr. Adik Takale	Multi-Response Optimization of Micro-WEDM Process Parameters of Ti49.4-Ni50.6 Shape Memory Alloy for orthopedic implant application	Advanced Materials Research
132	Dr. Adik Takale	Evaluation of Wire Electro-Discharge Machining Performance Characteristics of Ti49.4Ni50.6 Shape Memory Alloy and SS316L for Orthopedic Implant Application	Trends in Biomaterials and Artificial Organs

133	Dr. Adik Takale	Multi-Objective Optimization of WEDM Process Parameters of Ti49.4-Ni50.6 Shape Memory Alloy for orthopedic implant application	Journal of Achievements in Materials and Manufacturing Engineering
134	Dr. Adik Takale	Optimization of process parameters of Wire Electro Discharge Machining for Ti49.4Ni50.6 Shape Memory Alloys using the Taguchi Technique	International Journal of Structural Integrity
135	Dr. Adik Takale	Optimization of Design Variables for Carbon/Glass Hybrid Composites Laminates using the Taguchi Technique	World Journal of Engineering
136	Mr. Bahubali B Sangame, Y. Prasannatha Reddy, V D Shinde	Analyzing the Effect of Inoculant Addition on the Solidification of Ductile Cast Irons Using Thermal Analysis.	World Journal of Engineering
137	Pravin H. Yadav, Sandeep R. Desai, Dillip Kumar Mohanty	Investigation on vibration parameters in aluminum finned tube arrays subjected to water cross flow	Multidiscipline Modeling in Materials and Structures
138	Pravin H. Yadav, Dillip Kumar Mohanty	Experimental Study On The Effect Of Fin Geometry On Fluid-Elastic Instability Of Parallel Triangular Finned Tube Array	International Journal of Fluid Mechanics Research
139	Pravin H Yadav, Sandeep R. Desai, Dillip Kumar Mohanty	Fluid elastic instability and vortex shedding in finned tube arrays: the effects of tube material and fin density	World Journal of Engineering

140	Pravin H. Yadav, Dillip Kumar Mohanty	Fluid elastic instability and vortex induced vibration parameters in finned tube arrays with P/D ratio 1.79	World Journal of Engineering
141	Pravin H. Yadav, Dillip Kumar Mohanty	Investigation of Natural Frequency and Damping Ratio Due to Flow-Induced Vibration in a Finned Tube Subjected to Cross-Flow	International Review of Mechanical Engineering (IREME)
142	Sagar D Patil, Dr. Yogesh J Bhalerao	Optimization of Dynamic Properties of Hybrid Composite Shaft with Newly Developed Resin (NDR) using Grey Relational Analysis	International Journal of Structural Integrity
143	Sagar D Patil, Dr. Yogesh J Bhalerao	Multi-objective Optimization of Carbon/Glass Hybrid Composites with Newly Developed Resin (NDR) using Grey Relational Analysis.	Multidiscipline Modeling in Materials and Structures
144	Sagar D Patil, Dr. Yogesh J Bhalerao	Optimization of Design Variables for Carbon/Glass Hybrid Composites Laminates using the Taguchi Technique	World Journal of Engineering
145	Sagar Dnyandev Patil, Prafulla Ratnakar Hatte, S N Khan, Ashish A Desai, Pravin Yadav	Analyzing the Design Parameters and Their Influence on the Tensile Strength of Composite Layers using Taguchi Technique	Materials Today Proceeding
146	Milind A Patil, Pravin Yadav, Sagar Dnyandev Patil, Ashish A Desai	Methoding and Defect Minimization of Center Plate Casting by Auto-CASTX1 Software	Materials Today Proceeding

147	Ashish A. Desai, Sagar Dnyandev Patil, Pravin Yadav, Abhijeet Kekare	Design, Analysis, and Development of Additive Manufacturing by using FDM Technique with Dual Nozzle Assembly	Materials Today Proceeding