

Bharati Vidyapeeth's College of Engineering for Women, Pune 43

DEPARTMENT OF E&TC ENGINEERING

Publications

S.No	Name of The Staff	Title of Paper	Journal/Conference Name	Year
1	Prof Dr.S.R.Patil	Real-Time Hand Gesture Recognition and Device Controlling System based on sEMG Signal	International Journal of Electronics, Electrical and Computational System, IJEECS ISSN 2348-117X, Volume 6, Issue 7, July 2017	2017
2		“Review on Real-Time EMG Acquisition and Hand Gesture Recognition system”	International conference of Electronics, Communication and Aerospace Technology (ICECA 2017) – Reg. Greetings from ICECA 2017	2017
3		Structural Health Monitoring system using WSN for bridges	International Conference on Intelligent Computing and Control Systems ICICCS 2017	2017
4		Review on structural health monitoring system using WSN for bridges	International conference of Electronics, Communication and Aerospace Technology (ICECA 2017) – Reg.	2017
5		Modelling and Simulation of microcode based built in self test technology for Multiport memories	International journal of Research in Engineering(IJRE)	2017
6		Implementation of BIST Technology for Fault Detection and Repair of the Multiported Memory using FPGA	ICECA 2017	2017
7		SMS Communication System for Blind people	International Journal for Research in Engineering Application & Management	2017
8		Multitasking smart car control using Voice commands	International Journal Of Engineering Science And Computing	2017
9		Dynamic Trajectory planning for mobile robot intercepting a moving target using bezier curve	IEEE Explorer Digital Library	2016

10		Vehicle to vehicle communication for smart cities	International Journal of Advanced Engineering ,Management and Science	2016
11		Design of Advanced Shopping Trolley Based On QR Code	International Journal of Scientific and Engineering Research ,2016	2016
12		Dynamic trajectory planning for mobile robot intercepting a moving target using Bezier curve.	Tec symposia at IITKHARAGPUR, 2016.	2016
13		An intrusion Detection System for Mobile Ad hoc Network (MANETs).	ICICT 2016	2016
14	Prof S.T.Khot	Analysis and Recognition of rice granules using image processing and neural network	IJSRD International journal for scientific research and development	2017
15		IoT based personal monitoring device for patients	IJSER International journal of scientific and engineering research	2017
16		IoT based health monitoring device for patients	IJERM International journal of engineering research and management	2017
17		Efficient Collection of big data in WSN	International Conference on Inventive Computation Technologies	2016
18		Big data in Wireless Sensor Networks: Issues and Challenges	International Journal of Advanced Engineering, Management and Science	2016
19		MATLAB Based Gesture Recognition	International Conference on Inventive Computation Technologies	2016
20		Speaker Recognition Based Home Automation Using MATLAB	International Journal of Advanced Engineering, Management and Science	2016
21		Smart Assistance for Public Transport System	International Conference on Inventive Computation Technologies	2016
22		Intelligent pothole detection and notification system	International Journal of Engineering Science and Computing	2016
23		Pothole detection using image processing	International Journal for Technological Research in Engineering	2016
24		Pomegranate disease detection using image processing techniques	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016

25		Image processing tools used for detection of diseases on Pomegranate fruit	International Journal for Scientific Research & Development	2016
26		Smart Approach for Public Transport	International Journal of Advanced Engineering, management and Science	2016
27	Prof. Dr. S. S. Chorage	Efficient data coding schemes to reduce power consumption in Noc	ICECA 2017	2017
28		High Speed AES Algorithm to Detect Fault Injection Attacks and Implementation using FPGA	<i>Global Journal of Computer Science and Technology for Information & Technology</i>	2017
29		A Review on Extraction of Fundus Image to Detect Diabetic Retinopathy	<i>Global Journal of Computer Science and Technology for Graphics & Vision</i>	2017
30		Automatic Water Saving Irrigation System Using GSM MODEM	IJESE	2017
31		Reduction of Power Consumption using Different Coding Schemes using FPGA in NoC	<i>Global Journal of Computer Science and Technology for Graphics & Vision</i>	2017
32		Identification Motor Nerve Disorder using EMG	IEEE International conf. Inventive Computations Technologies ICICT 2016	2017
33		Study on Diabetic Retinopathy by Vessel Extraction from Fundus Images	IEEE International conf. Inventive Computations Technologies ICICT 2016	2017
34		Fault Resistant Encryption System using High Speed AES Algorithm on FPGA	ICECA 2017	2017
35		Feature Extraction of Surface EMG using Wavelet Transform for Identification of Motor Neuron Disorder	<i>International conf. on Advanced Technologies and Societal Applications 2016</i>	2016
36		Underground to Aboveground Communication Through Soil And Impact Of Wave propagation on UWB Buried Antenna	International Conference on Innovations in Computer Science and Engineering 16	2016
37		Differential Transformer based Design of Bandpass Filter for 1.8 GHz	International Journal of Wireless Networks and Communications	2016

38		Design and Performance Analysis of 1:6 Power Divider for L - Band Frequency	International Journal of Wireless Networks and Communications	2016
39		Unmanned Ground Vehicle	International Journal of Advanced Engineering, Management and Science (IJAEMS)	2016
40		Intelligent Car Parking System	2016 International Conference on Inventive Computation Technologies (ICICT)	2016
41		Design of Compact Wide-Band Transmit/Receive Patch Antenna Pair for WUSN applications	3rd International Conference on Innovations and Information, Embedded and Communication Systems 16	2016
42	Prof. Dr. V.R. Pawar	EEG based detection of Alzheimer disease and monitoring of Alzheimer	International Research Journal of Engineering and Technology	2017
43		Water parameter analysis for industrial application using IoT	Applied and Theoretical Computing and Communication Technology (iCATccT), 2016 2nd International Conference	2017
44		Alzheimer disease detection and tracking of Alzheimer patient	Inventive Computation Technologies (ICICT), International Conference	2017
45		Analyzing water quality for industrial application under IOT	International Research Journal of Engineering and Technology	2016
46		Vigilance Robot	International Journal of Electrical, Electronics and Data comm.	2016
47		Embedded video surveillance system using multi camera Tracking	International Journal of Electrical, Electronics and Data Communication	2016
48	Prof. Dr. S. M. Rajbhoj	Review on human stress monitoring system using wearable sensors	International Research Journal of Engineering and Technology (IRJET)	2016
49		Review on human stress management system using variable sensors	International Research Journal of Engineering and Technology	2016
50		Real-Time Fire Detection for Video Surveillance Using Digital Image Processing	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016
51		Embedded Systems for Iris Recognition	International Journal of Engg sciences and Research	2016

52		Face Recognition Based Advanced Security System using Microcontroller	IEEE International Conference on Advanced Communication Control and ...	2016
53		A Biometric Authentication System based on Finger Vein Recognition	IEEE International Conference on Inventive Computation Technologies (ICICT).	2016
54		Human Stress Monitoring System Using Electrocardiogram	IEEE International Conference on Inventive Computation Technologies (ICICT).	2016
55		Finger Vein Recognition System	IEEE International Conference on Advances in Signal Processing (CASP'2016)	2016
56	Prof. S.A. Itkarkar	Electrical Appliances Control using Wi fi and Laptop	International Research Journal of Engineering and Technolgy	2017
		Person Follower Robot	International Journal for Research in Engineering Application & management	2017
57	Prof. S. L. Kore	writer verification using spatial domain features under different ink width conditions	Journal of Computer Science and Engineering	2016
58		wireless sensor network based greenhouse monitoring and control system	International Journal for Scientific Research & Development	2016
59		Human Hand Gesture Recognition using Robotic Arm	Int. Engg. Research Journal	2016
60		Raspberry Pi Based Patient Monitoring System using Wireless Sensor Nodes	Int. Research Jr. of Engg. & Tech. (IRJET)	2016
61	Mrs. S. A. Dhole	ATM security using Face recognition and OTP	International journal of Engineering Research	2017
62		Solid wastage and street light management system	International journal for research in engineering application & management	2017
63		Multi-biometric Fake Detection System using	International Journal of Advanced Engineering, Management and Science	2016
64		An Efficient Secure Multimodal Biometric Fusion Using Palm print and Face Image	International Journal of Applied Engineering Research	2016
65		Review of leaf unhealthy region detection using image processing techniques	Bulletin of Electrical engineering and informatics	2016

66		System Engineering to deploy albatross like envibat	International research journal of Engineering & Technology	2016
67		Multi-biometric Fake Detection System using Image Quality based Liveness Detection	International Journal of advanced Engineering, Management and science	2016
68		An Efficient Secure Multimodal Biometric Fusion using palm print and Face image(c)	International Journal of Applied engineering research	2016
69	Mrs. S. M. Jagdale	Comparative study of different techniques in speaker Recognition: Review	International Journal of advanced Engineering, Management and Science	2017
70		Implementation of input Oriented Dynamic Voltage and Frequency Scaling for Multiplier on FPGA	International journal of Advanced Engineering, Management and Science	2016
71		Speech Control pick and place robotic arm with flex force sensor	International Conference on Inventive Computation Technologies	2016
72		An efficient voltage and frequency division method for multi precision multiplier on FPGA	International Conference on Inventive Computation Technologies	2016
73		An efficient voltage and frequency division method for multi precision multiplier on FPGA	International Conference on Inventive Computation Technologies	2016
69		Automatic fruit quality inspection system	International Conference on Inventive Computation Technologies	2016
70		An Efficient Voltage and Frequency Division method for Multi precision Multiplier on FPGA	IEEE International Conference on Inventive Computation Technologies	2016
71		Speech control Pick and Place Robotic Arm with Flexi force Sensor	IEEE International Conference on Inventive Computation Technologies	2016
72		A Survey on Speaker recognition with various Feature Extraction and Classification Techniques	International Research Journal of Engineering and Technology	2016
73		Implementation of input Oriented Dynamic Voltage Frequency Scaling for Multiplier on FPGA	International Journal of Advanced Engineering, Management and Science	2016

74		Automatic Fruit Quality Inspection System	IEEE International Conference on Inventive Computation Technologies	2016
75		Color, Size, Volume, Shape and Texture Feature Extraction Techniques for Fruits: A Review	International Research Journal of Engineering and Technology	2016
76	Mrs. K.R.Choudhari	Prediction of Uterous Tumor using Region Grawing Algorithm	IJREAM	2017
77		Uterous Tumor Detection Using Level Set Algorithm	IJREAM	2017
78		Multilevel Security System Using Smart Phone	International journal for Scientific Research and Development	2016
79		Brainwave Controlled Robot	International journal for Scientific Research and Development	2016
80	Mrs. S.S. Salunkhe	Online signature recognition system based on artificial Neural Network.	IJREAM	2017
81	Mr. S.M.Bhilegaonkar	Design And Analysis of Active Integrated Antenna (AIA) for WLAN Applications	International Research Journal of Engineering and Technology (IRJET)	2017
82		Monopole Antenna using Switchable PIN Diode for WLAN Application	International Journal of Engineering Science and Computing	2017
83		Circularly polarized patch antenna for wireless application	Int. Journal of Eng. Sci. and Computing	2016
84		PCB Analysis by Automatic Visual inspection using IP	Int. Journal for Sci research and development	2016
85		Defected Ground structures for Hybrid Rings using rectangular and Dumbell shapes patches	Int. Journal for Sci research and development	2016
86	Mr. M.S.Kasar	Fpga implementation of 8-bit parallel cycilc redumdancy code	IERJ	2017
87		Black box for vehicles	IJREAM	2017
88		Automatic LPG Gas Booking and Detection System	International Journal for Scientific Research and Development	2016

89		Smart Speaking glove-Virtual tongue for deaf and dumb	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016
90		Amphibian Robot	International Journal for Scientific Research and Development	2016
91	Mrs. V.S. Karambelkar	intelleigent bus system using RFID, ZIGBEE and GPRS	International Research Journal of Engineering and Technolgy	2017
92		Coin based Mobile Charger Using Solar System	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016
93		Intelligent Ambulance System	IRACSI- International Journal of Research in Management & Technology	2016
94		Intelligent Shortest path Tracking ARM 7 based Robot	International Journal for Scientific Research & Development	2016
95	Mr.V.P.Mulik	Detection of Defects on Steel Surfaces using Machine Learning Techniques	International Journal For Research in Engineering Application and Management Journal	2017
96		Segway Transporter	International Journal of Emering Science and Engineering	2017
97		Enhancement of old degraded documents using face based binarization by DIP technique	International Journal of engineering science and computing	2016
98		Analysis of Acute Lymphoblastic leukemia cells using DIP	International Journal for Scientific Research and Development	2016
99		Real time Eye Gaze controlled Human Computer Interface for paralyzed people	International Journal for Scientific Research and Development	2016
100	Mrs. R. R. Jain	Diet Monitoring System for Bed Ridden Patients	International Journal of Electronics and Communication Technologies	2017
101		Health Monitoring System	International Engineering Research Journal	2017
102		Water Distribution Network System	International Journal for Research in Engineering Application & Management	2017
103		Audio and Video Watermarking using EMD algorithm	Engineering Science and Technology: An International Journal	2016

104		Identification of wheat rust disease in digital images	International journal of engineering research in electronic and communication engineering	2016
105		Wireless data communication using LI-FI technology	IOSR Journal of Electrical and Electronics Engineering	2016
106		Wireless data communication using LI-FI technology	International Journal of Engineering Science and Computing	2016
107	Ms. Y. R. Dhumal	Blockage Analysis And Detection In Ct Angiography Using Image Processing	International Journal of Engineering Research	2017
108		The Human Identification System using Geometrical Feature Extraction of Ear	International Journal of Advanced Research in Computer Science and Software Engineering	2016
109		Android Based Smart Car Parking System	International Journal of Advanced Research in Electrical ,Electronics and Instrumentation Engineering	2016
110	Mrs. R. J. Sapkal	Automatic Gadget Charger using Matlab and Solar Panel	SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE)	2017
111		Wireless power transmission through invisible laser	International Journal for Scientific Research and Development	2016
112		Object sorting by robotic arm using Image Processing	International Research Journal Of Engg. & Technology	2016
113	Ms S.V.Shelke	Visual Cryptography with Image Watermarking	International Journal of innovative Science research Techonology	2017
114		Credit Card Fraud Detection and Biometric securities	International Journal for research in Applied Science & Engineering Techonology	2017
115		PCB defect and categorization using Image Processing Techniques	International Journal for Scientific Research and Development	2016
116		Liveness detection for biometric system using image quality assessment	International Journal for Scientific Research and Development	2016
117		Implementation of Audio watermarking algorithm based on embedding strategy in high frequency sub band with binary sequence using DWT-FFT (c)	International Journal of advanced research	2016

118	Mr. A.B.Vitekar	WIRELESS HOME AUTOMATION USING WIFI ENABLE SWITCH AND MOBILE	International Journal for Research in Engineering Application & Management	2017
119		SPEAKER TESTING AND NOISE REMOVAL	International Research Journal of Engineering and Technology	2017
120		Automatic Hand Gesture Based Remote Control for Home Appliances	International Journal of Advanced Research in Computer science and software	2017
121		Solar Based smart charging system	International Journal of engineering science and computing	2016
122		Automated Oxygen level and blood pressure sensing using embedded system	International Journal of Advanced Research in Computer and Communication Engineering	2016
123		A smart irrigation system for agriculture based on wireless sensors	International Journal of Innovative research in science, Engineering and technology	2016
124		Mrs. K.D. Mahajan	Three Layered Security System for Bank	SSRG International Journal Of Electrical and Electronics Engineering (SSRG-IJEEE)
125	Automatic Energy Meter Billing System with Theft Detection		International Research Journal Of Engg. & Technology	2016
126	Traffic Sign Detection and Recognition using smart cars		International Journal for Scientific Research and Development	2016
127	Mrs. V..V Gaikwad	Analysis of Attacks on Video Watermarking	International Journal of Advanced Research in Electronics and communication Engineering	2017
128		Analysis of Attacks on Video Watermarking	SSRG International Journal Of Electronics and Communication Engineering (SSRG-IJECE)	2017
129		Android Based Smart Oscilloscope	International Journal of Innovative Research in Computer and Communication Engineering	2016
130		Portable ECG with Monitoring Parameters	International Journal	2016

131	Mr. R. M. Shamalik	Design and Analysis of Flexible Rounded Bow Tie Antenna for Wearable Application	SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE)	2017
132		Design and analysis of Compact U-slot Micro strip patch antenna for wireless applications	International Journal of Wireless Networks and Communications	2016
133		Compact Circularly Polarized Symmetrical Fractal Boundary Micro strip Ant. For WI-Fi Booster	Advances in Wireless and Mobile Communication	2016
134	Mr. A.P.Yadav	Data Security using colors and Armstrong numbers	International Journal of Electronics Communication and Computer Engg.	2016
135		Vehicle Tracking System	International journal for innovative research in science and Technology	2016