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Paper Presentations

Page No.	Paper ID No.	Title	Author's Name	Name of the Institute
1	11	A Comparative Study on Techniques used For Prediction of Stock Market	Lakshmi Tharun Ponnam, Srinivasa Rao Vadde, Srinivas K and Vamsi Raavi	V R Siddhartha Engineering College Vijayawada, India
7	12	Sliding Mode Fuzzy Rule Base Bilateral Teleoperation Control of 2-DOF SCARA System	Arman Nasirian and Mojtaba Ahmadiéh Khanesar	Semnan University, Semnan, Iran
13	14	A Critical Review on Elliptic Curve Cryptography	Soram Ranbir Singh, Ajoy Kumar Khan and Takhellambam Sonamani Singh	Manipur Institute of Technology, Takyelpat, Imphal
19	20	Experimental Setup on Level Control System	Ravishankar Desai	Padmabhushan Vasantaoada Patil Institute of Technology, Budhgaon
24	22	On the Performance of Elliptic Curve Public Cryptosystem	Soram Ranbir Singh, Ajoy Kumar Khan and Takhellambam Sonamani Singh	Manipur Institute of Technology, Takyelpat, Imphal
30	33	Intelligent Parking Cloud Services based on IoT using MQTT protocol	Prarna Dhar, Prof.Poonam Gupta	G. H. Rasoni College of Engineering and Management, Pune
35	36	Advanced technics to Shared & Protect Cloud Data using Multilayer Steganography and Cryptography	Alok Ranjan and Mansi Bhonsle	G. H. Rasoni College of Engineering and Management, Pune
42	40	Design and simulation of Fuzzy and Fuzzy-PI controllers for Gas turbine	Mandar Ghodekar, Sharad Jadhav and Sangram Jadhav	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai
47	45	Reduced-parameter fractional-order modeling of large dynamical system: Application to Gas Turbine	Sharad Jadhav, Rajan H Chile and Satish T Hamde	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai
52	46	Real Time System Scheduling With Energy Constraints	Girish Thakare and Prashant Deshmukh	SGB Amravati University Amravati
56	53	Moderation Technique For Sexually Explicit Content	Sana Mulla and Avinash Palave	TCOER, Kondhwa, Pune
61	63	Enhanced Security Using Shared Authority Protocol and Data Partitioning for Cloud Storage	Prashant Alkunte and Dadaram Jadhav	Trinity College of Engineering and Research, Pune
66	64	Summarization of Tweets and Named Entity Recognition from Tweet Segmentation	Chetan Chavan and Ranjeetsingh Suryawanshi	TCOER, Pisoli, Pune
72	74	An Efficient Private FIM On Hadoop MapReduce	Trupti Kenekar	G.H.Rasoni Institute of Engineering and Technology, Pune
77	75	Combination of parallel Connected Supercapacitor and Battery for Enhancing Battery Life	Lakshmikant Bopche, Ankush Deosant and Muneeb Ahmad	Priyadarshini Indira Gandhi COE Nagpur, Maharashtra
83	84	Improvement of Power Quality by Mitigating Harmonics in Single Phase AC Distribution	Abhay Mudiraj	Chh. Shahu College of Engineering, Aurangabad
89	89	An efficient SEAC system for different data transmission over internet	Nasreen Shaikh and Suchita Wankhade	Trinity College of Engineering and Research, Pune

93	93	Developing and Deploying Applications for Highly Available Storage of Cloud Service through Secured Channels	Pratikasha Nikam and Ranjeetsingh S. Suryawanshi	Trinity College of Engineering and Research, Pune
99	99	Web Image search engine using semantic of image's meaning for achieving Accuracy	Sandesh Keshav Pawaskar and S B Chaudhari.	TCOER, SPPU, Maharashtra
104	105	Evaluation of Disparity Map Computed using Local Stereo Parametric and Non-parametric methods	Tahera Tabassum, Priya Charles and Dr. Anupama Patil	D Y Patil Collge of Engg, Pune
110	107	Implementation of control algorithm for furnace temperature control in CFD simulation	Sampada Bhujbal, Ashwini Andhale and Amruta Deshpande and Sachin Pimpalnerkar	College of Engineering, Pune
114	110	Wireless Robotic Hand for Remote Operations using Flex Sensor	Puja Dhepekar and Yashwant Adhav	Cummins College of Engineering, Pune
119	112	Portable Audiometer for Detecting Hearing Disorder at an Early Stage for Cancer Patient	Ritu Rani and Harish Patil	Cummins College of Engineering, Pune
124	115	Innovative approach to biomedical image compression using oscillation concept	Satyawati Magar and Dr Bhavani Sridharan	Karpagam University, Coimbatore, Tamilnadu
129	121	Migration from Microcontroller to FPGA based SoPC Design Case study: LMS Adaptive Filter Design on Xilinx Zynq FPGA with Embedded ARM Controller	Samrin Shaikh and Shashank Pujari	Department of Technology, Pune University,pune
135	123	Segmentation based feature extraction of MRI images using Wavelet and its implementation on FPGA	Binay Chandra and Manish Sharma	D Y Patil College of Engineering, Akurdi, Pune
142	124	MLP-Based Undersampling Technique for Imbalanced Learning	Varsha Babar and Roshani Ade	D. Y. Patil School of Engineering and Technology, Pune
148	125	Automatic Bed Position Control Based on Hand Gesture Recognition for Disabled Patients	Kalpna Lamb and Swati Madhe	Cummins College of Engineering, Pune
154	127	Energy Efficient and Trustable Routing Protocol for wireless sensor networks based on genetic algorithm (E2TRP)	Soumitra S Das, Selvaraj Barani, Sanjeev Wagh and S S Sonavane	Sathyabama University,Chennai
160	129	Enhancement of Video on FPGA Using Guided Filter	Shubham Gotarkar and Aarti Gaikwad	D. Y. Patil College of Engineering, Akurdi, Pune
164	133	Fractional-order PI Controller design for PMSM:A model-based comparative study	Ujjwala Thakar, Vrunda Joshi and Vishwesh Vyawahare	College of Engineering and Technology, Pune
170	138	Lung Cancer Detection system by using BayesianClassifier and FCM Segmentation	Bhagyarekha Dhaware, Anjali Pise and Sudha Surwase	SKN Sinhgad College of Engineering, Korti, Pandharpur
175	140	Diabetic Retinopathy Detection Using Soft Computing Techniques	Jyoti Labhade, Prof. Lata K. Chouthmol and Suraj Deshmukh	KCT's L G N S COE, Anjaneri, Nasik(MH)
179	143	Study of Cascaded H-Bridge multilevel Inverter	Asha Gaikwad and Pallavi Arbune	G. H. Raisoni Institute of Engineering & Technology, Wagholi, Pune

183	146	Robust Control of Industrial Mechatronic Drive Unit System With Generalized Extended State Observer	Almas Ambreen and Ashwini Godbole	All India Shri Shivaji Memorial society College of Engineering, Pune
189	149	Impact of Probabilistic Nature and Location of Wind Generation on Transmission Power Flows	Vrushali Khatavkar, Poonam Dhabai, Heramb Mayadeo and Anjali Dharme	Bharati Vidyapeeth Deemed University, college of engineering, Pune
194	150	Design and Manufacture of Bulb Turbine	Harshal Tadake and Jaydev Visave	Savitribai Phule Pune University, Pune
198	152	Area and Power efficient High Speed Voltage Comparator	Suraj Gawhare and Arati Gaikwad	D. Y. Patil College of Engineering, Pune
202	153	The Study of Different Topologies of Axial Flux Permanent Magnet Generator	Rupali Chavan and Vishram Bapat	Sinhgad Institute of technology, Kusgaon Bk., Lonavala
207	157	Comparative Analysis of Various Impedance Source Inverters	Snehal Mahale and Rajashri J. Patil	Zeal college of Engineering, Narhe, Pune
212	159	Adaptation Layer towards integration of ZigBee and IP stacks	Dr. Narmada Alaparathi and Dr. Sudhakara Rao Parvataneni	VIGNAN's Institute of Management and Technology for Women, Hyderabad
216	162	Implementation of 2D Space Vector Pulse Width Modulation for Inverter Applications with 16-bit dsPIC Controller	Nilesh Shinde, Mukesh D. Patil, Vishwesh A. Vyawahare and Navaneethkrishnan P	Ramrao Adik Institute of Technology, Nerul
222	163	Analysis of Post-Harvest Losses: An Internet of Things and Machine Learning Approach	Himanshu Purandare, Shreyas Pansare, Niranjana Ketkar, Prathamesh Padhye and Archana Ghotkar	PICT, Pune
227	166	Proactive Source Routing Protocol For Opportunistic Data Forwarding In MANETs	Rashmi Mule and Bharti Patil	G. H. Raisoni College of Engineering and Management, Pune
233	167	Assessment of Transmission Sub-stations for AMI Upgrade (KSA Case Study)	Mohamed Mohandes, Dattatray Shinde, Ali M. Mashhour, Shafi Al-Hsaien and Suliman Al-Resheed	King Fahd University of Petroleum & Minerals, (KFUPM) Dhahran, 31261 Saudi Arabia
239	168	A review on TRIAC controlled energy efficient dimmable LED driver for street lighting	Vivekanand Shere and Rupali Suryawanshi	ZEAL college of engineering and Research, Narhe, Pune
242	169	Automatic Analysis of Rheumatoid arthritis based on statistical features	Swati Bhisikar and Sujata Kale	JSPM's Rajarshi Shahu College of Engineering, Pune
246	171	Performance Enhancement of Cooperative Learning Algorithms by Improved Decision Making for Context Based Application	Deepak Vidhate and Dr Parag Kulkarni	College of Engineering, Pune
253	172	SINGLE PHASE SINGLE STAGE GRID CONNECTED PV SYSTEM WITH IMPROVED POWER QUALITY	Aparna Yennam and Jageshwar Khobragade	Sinhgad Institute of Technology, Lonavala
258	173	Review: Role of Cloud Computing In Grid Empowerment	Puja Gurav, Manoj Hans and Nachiket Kulkarni	Zeal college of Engineering, Narhe, Pune

264	174	Performance Appraise of Data Mining Classifiers from Bayes, Function, Lazy, Rule and Tree Family for Video Classification Using Linde Buzo Gray Vector Quantization Codebooks	Neha Kasat and Dr.Sudeep Thepade	Savitribai Phule Pune University, India
268	176	Robust Attitude Control of Quadrotor using Sliding Mode	Parthibi Dey, Shailaja Kurode and Raghu Ramachandran	College of Engineering, Pune
273	177	Sliding Mode Control for the Fin Actuation Mechanism	Abhijit Kakade, Shailaja Kurode and Ravindra Sor	College of Engineering, Pune
278	182	Detection and Evaluation of Harmonics in 6 Pulse and 12 Pulse Converter	Anupama Deshpande and Mangal Dhend	AISSMS COE, Pune
284	183	Fastidious Fire Smothering	Mayuresh Parkhi and Usha Verma	MIT Academy of Engineering, Alandi, Pune
289	184	Wavelet Transform based Voltage Quality improvement in Smart Grid	Shilpi Agrawal and Mangal Dhend	AISSMS COE, Pune
295	185	Motion Detection Using Optical Flow And Standard Deviation	Bhagyashree Sorte, Prof. Vidya Patil and Prof. Mamta Bhamare	Maharashtra Institute of Technology, Kothrud, Pune
301	188	Scene Text Extraction using Stroke Width Transform for Tourist Translator on Android Platform	Pooja Chavre and Archana Ghotkar	Pune Institute of Computer Technology, Pune
307	192	Analysis of various adder circuits in Deep Submicron Process.	Sayli Aphale, Kausar Fakir, Sushma Kodagali and S. S. Mande	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai
312	193	Design & optimization of Parallel Self timed adder using advance technique.	Prathamesh Mane and Manish Sharama	D. Y. Patil College of Engineering, Pune
318	194	AUTOMATION OF CIP PROCESS IN DAIRY INDUSTRIES USING PROGRAMMABLE CONTROLLERS AND SCADA	Bapusaheb Dhage and Archana Dhage	SCOE, Pune
324	196	Location baesd secure communication mobile sensor network	Madhuri Bhandalkar and A. B. Palve	Trinity College of Engineering and Research, Pune
328	198	Design and Implementation of FPGA Soft Core Processor for Low Power Multicore Embedded System using VHDL	Manjusha Kinage and D. G. Khairnar	D. Y. Patil College of Engineering, Pune
333	199	Low Power Implementation of FM0/Manchester Encoding Using SOLS Technique	Rahul Nikhade and Priya Charles	D. Y. Patil College of Engineering, Pune
339	203	Data Acquisition Analysis in SLAM applications	Akshay Mane, Mahesh Parihar, Sharad Jadhav and Rahul Gadre	Ramrao Adik Institute of Technology Nerul, Navi Mumbai
344	205	Comparative Study of Fuzzy and IMC based Controllers for Heat Exchanger System	Shweta Khanvilkar, Sharad Jadhav, Vishwesh Vyawahare and Vivek Kadam	Ramrao Adik Institute of Technology Nerul, Navi Mumbai
349	206	Analysis and implementation of Minimum Shift Keying (MSK) modulation on FPGA platform	Prajakta Tapkir, Shobha Singh and Neeta Thune	Padmabhooshan Vasantdada Patil Institute of Technology (PVPIT), Pune
355	207	Fault Diagnosis of Coal Ring Crusher in Thermal Power Plant: A Case Study	Pravesh K Jha and Rajeev Rajora	University Engineering College, RTU, Kota

361	208	Novel Application of Bio-inspired Flying Microbots through Wireless Communication and Charging Utilizing Renewable Solar Energy in a Self-Powered Multifunctional MAV Design	Aileen Sengupta and Pavel Sengupta	Techno India College of Technology, Rajarhat Kolkata
367	209	Passivity Based Control of Coupled Tank System	Nitin Dhonge and Sadhana Jadhav	College of Engineering, Pune
372	213	Improved ALERT Protocol in MANET with Strategies to Prevent DOS & MITM Attacks	Priyanka Patil, Nilesh Marathe and Vimla Jethani	Ramrao Adik Inst. of Technology, Nerul, Navi Mumbai
378	217	New Approach of Statistical Analysis for Lung Disease Diagnosis using Microscopy images	Vaishnav Kale and Vandana Malode	Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar
384	218	Efficient Execution of Data warehouse query using look ahead matching algorithm	Sarika Kale and P M Joe Pratap	St. Peters University, Chennai
389	219	An overview of next generation technologies and its applications	Rumi Mukhi and Maulik Lakhani	Marwadi Education Foundation Group of Institution, Rajkot, Gujarat
394	220	Design of Compact CPW-Fed Printed Monopole UWB Antenna for Band Notched Applications	Sandeep Nagre and Anil Shirsat	MIT Academy of Engineering, Alandi, Pune
398	224	Diagnosis Of Lung Cancer Using Pruned Fuzzy Min-Max Neural Network	Shraddha Deshmukh and Swati Shinde	Pimpri Chinchwad College of Engg. Pune
403	226	Performance Comparison of SCIG and DFIG based Wind Farm in ETAP	Dr. Deepak Bankar, Shripad Desai and Vishal Mehre	Bharati Vidyapeeth Deemed University College of Engineering, Pune
409	228	Fingerprint and Iris Biometric Controlled Smart Banking Machine Embedded with GSM Technology for OTP	Joyce Soares and Arun Gaikwad	Zeal College of Engineering & Research, Nahre, Pune
415	232	Data Mining Technique for Reduction of Association Rules in Distributed System	Bhagyashri Waghmare and Yogesh Bodhe	Shree Ramchandra College of Engineering, Pune
419	233	Design Of Heterojunction Photocell For Optimize Performance Using Numerical Simulation	Kalavati Chopade and Jitendra Singh	Vishwabharati Academy College of Engineering, Savitribai Phule Pune University, Ahmednagar
424	235	Evaluation of SSSC Dynamic Response in a Two Machine Multibus Power System With and Without Damping Control	Shrikant Misal and Mamta Wandalkar	Indian Institute of Technology Delhi, New Delhi
430	238	Dynamic Sampling approach with MLP and Cart	Ranjana Singh and Roshani Raut	Dr. D Y Patil School of Engineering and Technology, Savitribai Phule Pune University, Pune
435	240	Solid State Marx Generator with Anti-parallel capacitor configuration using Arduino	Harshada Bhosale, Pranav Rokade, Pranali Mankar, Pooja Jadhav, Apurva Bodile and Amol Karwande	Fr.C. Rodrigues Institute of Technology, Sector-9A, Vashi, Navi Mumbai
440	242	Skintone Detection Based Steganography Using Wavelet Transform	Manisha Kude and Manjusha Borse	Late G.N. Sapkal COE, Nashik

444	244	Enhanced Image Restoration Using Image Fusion: Direction Approach	Vijaya Shandilya and Siddharth Ladhake	Sipna College of Engineering and Technology, Amravati
448	246	Enhancing the Data Quality in Wireless Sensor Networks – A Review	Prathiba B, Dr. Jayasankar K and Dr. Sumalatha V	Jawaharlal Nehru Technological University, Anantapur
455	249	Static Analysis of Slotted Springs	Balambica V and Vishwa Deepak	Bharath Institute of Higher Education and Research(BU), Chennai
460	251	Design and Optimization of 16×16 Bit Multiplier Using Vedic Mathematics	Sheetal Gadakh and Amitkumar Khade	MKSSS"s Cummins College of Engineering, Pune
465	254	PID PARAMETER OPTIMIZATION USING COHORT INTELLIGENCE TECHNIQUE FOR D.C MOTOR CONTROL SYSTEM	Apeksha Bhambhani and Pritesh Shah	Symbiosis International University, Pune
469	256	Automation of Soap Windscreen Washer Filling Machine with PLC and LabVIEW	Manish Gharte	Symbiosis Institute of Technology, Pune
473	259	Solid Fuel Fired Boiler Combustion Control using Fuzzy Logic Algorithm	Swastik Bhandari, Pratap Makwana and Dr. D. K. Maghade	Vishwakarma Institute of Technology, Pune
477	265	Impact of Trust Management Framework on the performance of Path Allegiance Metric based routing protocol in a Mobile Ad hoc Network	Shirina Samreen	Anurag Group of Institutions, Ghatkesar, Ranga Reddy, Telengana
483	267	Electric Vehicular Technology using Natural Resources: Electric Vehicular Technology	Amit Pradeep Kulkarni and Dr Pawan Pingle	Savitribai Phule, Pune University, Pune
490	269	Characterization of Piezoelectric Micropump	Tejal Bharambe, Poonam Waje Mogal and Shital Patil	Ramrao Adik Institute of Technology, Nerul, Mumbai
496	274	Possibility of Harvesting Vibration Energy from Power Producing Devices: A Review	Mr.Vahid Jamadar, Prof.Dr. Pawan Pingle and Mr. Sandip Kanase	Bharati Vidyapeeth Deemed University, College of Engineering, Pune
504	275	Polarization Diversity Array of E-shaped patch Antenna	Mahesh Kadu, Neela Rayavarapu, Dr.Rekha Labade and Shankar Deosarkar	SIT, Lavale, Pune
508	284	Design and Implementation of Next Generation Smart Car	Prasad Bangar, Snehal Pacharne, Shubham S. Kabade and Prachi Rajarapolu	MIT Academy of Engineering, Alandi Pune
513	289	3 Bit Balanced Digital Phase Shifter using Switch Mode Topology	Arati Bhonkar and Udaysinh Sutar	AISSMS College of Engineering, Pune
518	290	Forensic Analysis and Evidence Collection for Web Browser Activity	Apurva Gunjal, Smita Bharne and Vanita Mane	Ramrao Adik Inst. of Technology Nerul, Navi Mumbai
523	291	Discriminant Analysis of Electrocardiogram (ECG) Signal using Cross Correlation	Nilesh Verulkar and Rahul Ambalkar	Mauli Group of Institutions, College of Engineering & Technology, Shegaon, Maharashtra

527	295	Forensic Analysis of Financial Document Using Dempster Shafer Approach	Snehal Shejale, Smita Bharne and Vimla Jethani	Ramrao Adik Inst.of Technology, Nerul, Navi Mumbai
532	301	PF-RBF Based Energy Efficient Target Tracking routing Algorithm for WSN	Khushbu Tikhe and Niyati Sohni	Shree L.R. Tiwari college of engineering, Thane
538	303	Maintenance of transmission line by using robot	Pradnya Wale and Kamal Sandeep k.	Zeal college of Engineering, Narhe, Pune
543	304	Design of Voltage Sag Compensator with transformer inrush current mitigation technique	Diksha Ahire and Prof.S.S. Khule	Matoshri COE & RC, Nasik
548	305	A Novel Algorithm to Detect Phishing URLs	Varsharani Hawanna, V. Y. Kulkarni and R. A. Rane	Maharashtra Institute of Technology, Pune
553	306	Realization of All Optical Logic AND Gate Using Dual Ring Resonator	Haraprasad Mondal, Sourav Chanda and Pranjal Gogoi	Dibrugarh University, Dibrugarh, Assam
557	307	An Agro Advisory For Pomegranate Field Using Wireless Sensor Network	Sunil More and Mininath Nighot	KJ College of Engineering and Management Research Savitribai Phule Pune University, Pune
563	310	Use Of Diode As A Crowbar For Electromagnetic Launcher	Pradnya Pawar, Gaurav Kumar, Pradeep Kumar and Ajit Patil	Pimpri Chinchwad College of Engineering, Pune
568	312	Design and Simulation of Solar PV System	Kartika Dubey and Manisha Shah	Institute of Technology, Nirma University, Ahmedabad, Gujrat
574	314	Interactive Projector Screen with Hand Detection Using Gestures	Rishab Sharma, Raj Shiker, Nutan Bansode and Prachi Rajarapolu	MITAOE, Pune
578	315	Implementation of Reliability Centred Maintenance for Transformer	Anuj Pandey and Pravin M. Sonawane	K.K.Wagh Institute of Engineering, Education & Research, Nashik
582	316	Design of Multi Scale PID Controller for Temperature Process	Shreyas Deshpande and Chandrakant Kadu	Pravara Rural Engineering College, Loni, Maharashtra
586	317	Design of two degree of freedom PID controller for temperature control system	Ganesh Deshmukh and Chandrakant Kadu	Pravara Rural Engineering College, Loni, Maharashtra
590	318	Design of ultra compact 3-channel wavelength de-multiplexer based on photonic crystal	Dinesh Gogoi, Kapil Das, Haraprasad Mondal, Pranjit Talukdar and Khalida Hussain	Dibrugarh University, Dibrugarh, Assam
594	322	Issues and Challenges in RSSI based Target Localization and Tracking in Wireless Sensor Networks	Satish Jondhale, R.S. Deshpande, S. M. Walke and A. S. Jondhale	SPPU, Pune
599	324	Designing and Development of Automated Control System for an Electromagnetic Launcher	Rushali Verma, Prasanth Nomula, Kishore Jadhav and Varsha Bendre	Pimpri Chinchwad College of Engineering, Pune
604	329	Set Repalcements Technique	Sopan Kolte and Sumit Poojary	K.J. Somaiya Polytechnic, Mumbai
608	330	Design Of Dual Band Circular Microstrip Patch Antenna for ISM and WLAN	Sayali Pawar and Mandar Joshi	G.E.S.'s R. H. Sapat College of Engineering Management Studies and Research, Nashik

612	338	Quantitative Analysis and Optimization of Production Line based on Multiple Evaluation Criteria using Discrete Event Simulation : A review	Abhishekk Sahu and Sharad Pradhan	NITTTR Bhopal
618	341	A Security Enhanced Approach for Video Steganography using K-Means Clustering and Direct Mapping	Prabira Kumar Sethy, Kamal Pradhan and Santi Kumari Behera	Sambalpur University Institute Of Information Technology,Burla
623	342	Building Personalized and Non Personalized Recommendation Systems	Sneha Khatwani and Dr. Manoj Chandak	Shri Ramdeobaba College of Engineering and Management, Nagpur
629	343	CFD Analysis of Carbon Fiber Reinforced Polytetrafluoroethylene (PTFE) Hydrodynamic Journal Bearing Using Optimization Technique	Pranav Kalbande, Dinesh Dhande and Deepak Pande	AISSMS College of Engineering, Pune
635	344	Morphology Based Approach for Microaneurysm Detection from Retinal Image	Shivani Puranik and V. B. Malode	Jawaharlal Nehru Engineering College, Aurangabad
640	345	Communication Interface For Deaf-Mute People Using Microsoft Kinect	Nikita Nagori and Vandana Malode	Jawaharlal Nehru Engineering College, Aurangabad
645	346	Neural Network Based Leaf Recognition	Pradip Wable and Purushottam Chilveri	SKNCOE Vadgaon bk, Pune
649	351	Location Based Reminder Android Application Using Google Maps API	Pradnya Battin and Shriram Markande	NBN Sinhgad School of Engineering Ambegaon, Pune
653	356	Intelligent Safety Control for Automotive Systems	Nilesh Gaikwad and Shriram Markande	NBN SSOE, Ambegaon
657	360	Energy conservation using Waste Heat Recovery System (WHRS) in Metal Casting – An Approach for Sustainable Manufacturing	Pankaj Chavan and Pawan Pingle	Deogiri Institute of Engineering & Management Studies, Aurangabad
662	361	Performance Analysis of Conventional and Emerging Interconnects for Low Power Applications using CMOS and CNFET	Satish Turkane, Abdul K Kureshi and Anil P Jade	Matoshri College of Engineering & Research Centre, Nashik, Savitribai Phule Pune University, Pune
667	363	Brushless Doubly Fed Reluctance Machine and its control	Soumitra Kunte, Mandar Bhawalkar, Dr. N. Gopalakrishnan and Dr. Yogesh Nerkar	Zeal College of Engineering, Pune
673	365	Development of Leakage Detection System	Sahil Adsul, Ashok Kumar Sharma and R. G. Mevekari	Walchand College of Engineering, Sangli
678	368	Vibration Analysis of Cracked Beam Using Fuzzy Logic Technique	Venkateshan Talekar, Vijaykumar Bhanuse and Jayant V. Kulkarni	Vishwakarma Institute of Technology, Pune
683	369	Fuzzy Based Incremental Conductance Algorithm for PV System	Harshal Deopare and Amruta Deshpande	College of Engineering Pune, Pune
688	374	Communication System Design and Simulation for Future Micro Grids in NS2	Pranav Bhalerao	SPCOE, Savitribai Phule Pune University, Pune
691	377	Stereo Image Feature Matching Using Corner Detection Algorithm	Komal Changan and Purushottam Chilveri	Smt. Kashibai Navale College of Engineering, Savitribai Phule Pune University
695	381	Digital Image Processing by using GMSK	Sandip Udawant and Satyawati Magar	PDVVP, College of Engineering, Ahmednagar

699	391	Performance appraise of Haar wavelet , Cosine wavelet and Cosine-Haar Hybrid wavelet based Bimodal Iris recognition using Thepade's Sorted Ternary Block Truncation Coding	Samira Kulkarni and Dr. Sudeep Thepade	Pimpri Chinchwad College of Engineering, Akurdi, Pune
705	399	Design of a Smith Predictor based Fractional Order PID Controller for a Coupled Tank System	Prajakta Bhamre and Chandrakant Kadu	Pravara Rural College of Engineering, Loni, Maharashtra
709	400	Design of Smartphone-Based Wound Assessment System	Vidyashree Dalya and Dr. D. K. Shedge	AISSMS's Institute of Information Technology, Pune
713	403	Opinion Analysis of Text on the Basis of Three Domain Classification	Jeevankumar Jain, Chetan Awati and Nitin Alzende	Shivaji University, Kolhapur, Maharashtra
718	409	Performance Investigation of Emerging Nano Devices for Low Power Analog Circuits	Satish Turkane and Abdul Kadir Kureshi	Matoshri College of Engineering & Research Centre, Nashik
723	410	Expert System for Diagnosis of Diseases of Rice Plants: Prototype Design and Implementation	Hemanta Kalita, Shikhar Kumar Sarma and Ridip Dev Choudhury	Gauhati University Guwahati, Assam
731	417	Enhancing Sales by using information with the help of Object Detection and Object Storage	Mayank Sharma, Sanket Varkhede, Akilesh Govindwad and Bharadwaj Vishanth Thiyagarajan	University Of Pune, Pune
737	419	Simulation of LeDiR with Preventive Measure in WSANs	Shashikant Joshi and Ajit Kumar Yadav	Vishwabharati Academy's College of Engineering, Ahmednagar
743	425	EKF and UKF based synchronization of hyperchaotic systems	Sharad Mathur and Bharat Bhushan Sharma	National Institute of Technology, Hamirpur
750	429	Analysis of Power Dissipation in Design of Capacitorless Embedded DRAM	Yogesh Thakare and Dr. Sujata N. Kale	Prof. Ram Meghe Institute of Tech. & Research, Amravati
755	437	THz Rectangular Slitted Microstrip Patch Antenna Design for Biomedical Applications, Security Purposes & Drug Detection	Aman Nag, Avneet Kaur, Divesh Mittal and Ekambir Sidhu	Punjabi University, Patiala, Punjab
759	443	Autonomous Dynamic Thermoelectric Energy Harvesting system for water heating purposes	Parth Kuchroo, Jaspreet Singh and Ekambir Sidhu	Punjabi University, Patiala, Punjab
763	444	Floating TEG Based Solar Energy Harvesting System	Jaspreet Singh, Parth Kuchroo, Hemant Bhatia and Ekambir Sidhu	Punjabi University, Patiala, Punjab
767	446	High Gain Blind Hole Substrate Slotted Microstrip Patch Antenna Design for X-Band Applications	Divesh Mittal, Aman Nag, Avneet Kaur and Ekambir Sidhu	Punjabi University Patiala, Patiala
771	447	Stacked Decagon Shaped THz Microstrip Patch Antenna Design for detection of GaAs Semi-Conductor properties	Gurnoor Singh Brar, Vatanjeet Singh and Ekambir Sidhu	Thapar Polytechnic College
775	449	Novel Microstrip Patch Antenna design employing Extruded Polystyrene (XPS) substrate for GSM, IMT, WLAN, Bluetooth, WiMAX and X-band applications	Payal Kalra, Aastha and Ekambir Sidhu	Punjabi University Patiala, Patiala

779	450	Novel Microstrip Patch Antenna Design employing Flexible PVC Substrate suitable for defence and Radio-determination Applications	Avneet Kaur, Gurnoor Singh Brar and Ekambir Sidhu	Punjabi University Patiala, Patiala
784	458	Ameliorated Urine Powered Battery (AUPB) for Low Power Applications	Jaskiran Kaur, Jaspreet Singh, Simarjit Singh Saini, Sakshi Khanna, Shifali Gupta, Amarveer Singh and Ekambir Sidhu	Punjabi University Patiala, Patiala
789	461	Face Liveness Detection	Dhananjay Garud and Dr. Sujata Agrawal	Shrimati Kashibai Navale College of Engineering, Pune
793	467	Prediction of heart abnormalities using Particle swarm Optimization in radial basis function neural network	Jairam Kelwade and Suresh Salankar	B. D. College of Engineering, RTM Nagpur University
798	472	Analysis of Self-Phase Modulation and Four-Wave Mixing in Fiber Optic Communication	Shraddha Bhusari, Vikas Deshmukh and Shantanu Jagdale	Vidya Pratishthan's College of Engineering, Baramati
804	473	Radiation Measurements at Repeated Intervals for various Locations of SIU Campus and Calculation of Compliance distance from Cell Tower	Aditya Jain and Priyanka Tupe Waghmare	Symbiosis Institute of Technology, Symbiosis International University, Pune
809	474	Automatic Era: Presentation slides from Academic Paper	Anuja Bhandare, Chetan Awati and Sonam Kharade	Department of Technology, Shivaji University, Kolhapur
815	480	Improved scheduling of virtual machines on cloud with multi-tenancy and resource heterogeneity	Adeel Ahmed Khan, Mohsin Khan and Dr. Waseem Ahmed	HKBK College of Engineering, VTU, Bangalore
820	481	Design of circular monopole stopband antenna for WLAN and WiMAX	Himanshu Barapatre, Ashwin Gour, Pradyumna Chopde and Kartik Solanki	RG CER, Nagpur
824	482	Score Level Fusion based Multimodal Biometric Identification Using Thepade's Sorted Ternary Block Truncation Coding With Variod Proportion of Iris, Palmprint, Left fingerprint & Right fingerprint With Asorted Similarity Measures & Different Colorspace.	Manisha Madane and Sudeep Thepade	Pimpri Chinchwad College of Engineering, Pune
829	485	Knowledge based inlet port design: a simple graphical method to design inlet port and flow simulation	Ajit Surve	Savitribai Phule Pune University, Pune
835	486	THE NOVEL DESIGN OF THREE PHASE AUTOTRANSFORMER	Vishal Tathe and Sanjay Deokar	ZES's ZCOER, Pune
840	490	Automated Test Jig for Refrigerator PCB Performance	Shefali Verma and N. M. Wagdarikar	Smt. Kashibai Navale College of Engineering, Vadgaon, Pune
844	492	AVR based embedded system for speech impaired people	Anagha Jadhav and Mandar Joashi	Gokhale Education Society's R.H. Sapat COE, Nashik
849	493	Average Value Based Mathematical Model for an Artificial Limb's Driving Mechanism	Ashmi M, Jayaraj S and Sivanandan K.S	National Institute of Technology Calicut, Kerala
855	494	Design of Double Gate Junctionless MOSFET using Germanium for Improvement of Performance Parameters	Kumar Londhe and Yashwant V. Chavan	JSPM's Rajarshi Shahu COE, Pune

859	497	Secure Cloud Storage Using AES Encryption	Babitha M.P. and K.R. Remesh Babu	Government Engineering College Idukki, Kerala
865	498	Energy Efficient Secured Routing Model for Wireless Sensor Networks	Vaishali Bawage and Deepak Mehetre	K.J. College of Engineering & Management Research, Savitribai Phule University of Pune, Pune
870	502	Experimental and CFD Performance Analysis of Hydrodynamic Journal Bearing using Jatropa Blended Copper-oxide Nanoparticle as Lubricant	Surajkumar Khasbage, Dinesh Dhande and Vijay Patil	AISSMS College of Engineering, Pune
875	508	Analysis of Mobile Sink Based Big Data Gathering in Dynamic Wireless Sensor Networks	Antu Raj S and Sangeetha Jose	Department of Information Technology, Government Engineering College, Idukki, Kerala
881	509	Induction Motor Performance Improvement Using Stator Skewing	Pramod Marane, Sanjay Deokar and Vishal Tathe	ZES's ZCOER, Pune
887	511	Architecting Model Based Design Algorithm on Heterogenous Platforms Case study: DC Motor Closed Loop Speed Control System	Anuprita Shinde, Shashank Pujari, Bhagyashri Joshi and Milind Vaze	Department of Technology Savitribai Phule Pune University, Pune
893	525	A Comparative Study on Numerical Solution of Reynolds Equation of Journal Bearing	Prashant Nagare and Gahininath Vikhe Patil	Amrutvahini College of Engineering, Sangamner
896	526	Estimation of Transmission Reliability Margin Using Statistical Methods and Intelligent Techniques	Swathi Dadi, Seema Mathew and Vrushali Khataavkar	P.E.S's Modern College of Engineering, Pune
901	527	Comparative Analysis of Technological Advancements In Hexacopters: Assessment	Swathi Jakka and Prathiba Jonnala	V. F. S. T. R University, Vadlamudi, Andhra Pradesh
906	529	Comparison Analysis for Signature Verification of Bank Cheque	Priyanka Dhayarkar and Rajashri Itkarkar	JSPM's Rajarshi Shahu College of Engineering, Pune
910	533	Resource Matchmaking in Clouds with Middleware Architecture	Ruchira Tare and Yashwant Chapke	K J College of Engineering Management and Research, Pune
915	534	Email Spam Filtering using BPNN Classification Algorithm	Simranjit Kaur Tuteja and Nagaraju Bogiri	K J College of Engineering Management and Research, Pune
920	539	Object Detection and Location Estimation Using SVS for UAVs	Noor Kizar Shaik and Satyanarayana G.S.R	V. F. S. T. R University, Vadlamudi, Andhra Pradesh
925	543	Wireless Home Monitoring Using Social Internet of Things (SIoT)	Bhagyashree Jadhav and Shailaja Patil	Rajarshi Shahu College of Engineering, Savitribai Phule Pune University, Pune
930	553	CMOS RF Power Amplifier design for wideband frequency	Prachi More and Anjali Yadav	Smt. Kashibai Navale College of Engineering, Pune
935	554	A Segmentation Approach Based On Structured Learning for Recognition Preprocessing	Abhijit Joshi and Deeksha Bharadwaj	G. H. Rasoni Collage of Engg and Techonology, Pune
940	563	Automated Testing Tool for Engine Software Testing	Rajashree Bhide and Vaishali Kulkarni	Smt. Kashibai Navale College of Engineering, Pune

943	564	Engine Fault Diagnosis Using Sound Analysis	Aniket Kemalkar and Vinayak Bairagi	MITAOE, Alandi (D), Pune
947	565	A Secure Data Transmission Approach Using B+trees In Steganography	Tanushree Shelare and Varsha Powar	Maharashtra Institute of Technology, Pune
952	566	Network Optimization Using Ant Colony Algorithm	Mamta Munge and Shubhangi Handore	Trinity college of Engineering and Research, Pune
955	569	Implementation of Translation system using embedded platform	Prachi Pise and Sunita Deshmukh	SKNCOE, Vadgoan Pune
960	574	Fusion of Palm print, Iris and Fingerprint for Person Identification	Archana Patil and D. G. Bhalke	Rajarshi Shahu College of Engineering , Tathawade, Savitribai Phule Pune University, Pune
964	579	Numerical Analysis of Multiphase Flow in Hydrodynamic Journal Bearing Using CFD Coupled Fluid Structure Interaction with Cavitation	Dinesh Dhande and Deepak Pande	AISSMS College of Engineering, Pune
972	581	Data Sanitization for Privacy Preservation on Social Network	Prajakta Tambe and Deepali Vora	Vidyalankar Institute of Technology, Mumbai
977	592	Enhanced UI Automator Viewer with improved Android Accessibility Evaluation Features	Neha Patil, Dhananjay Bhole and Prasanna Shete	K. J. Somaiya College of Engineering, Vidyavihar, Mumbai
984	599	Noninvasive Diabetes Mellitus Detection Based on Texture and Color Features of Facial Block	Swapnali Padawale and Bhagavat Jadhav	Rajarshi Shahu College of Engineering, Pune
989	600	Modified MRAC based on Lyapunov Theory for Improved Controller Efficiency	Afaque Khan and M N Shanmukha Swamy	S J College of Engineering, Mysuru
996	602	Tree Based Aggregation for Preventing Compromised Node's Intention in WSN	Priyanka Kamthe and Sanjeev J. Wagh	KJ College of Engineering and Management Research, Pisoli, Pune
1001	611	Trust Base Hybrid Approach for detection and Prevention MANET from Attacks	Shimmi Singh Rathour and Nitin Manjhi	SRCEM, Banmore
1007	617	Response Optimization and LQR based Control for Quarter Car Suspension with Seat-driver Model.	Amit A. Divekar and Bhushan D. Mahajan	Sinhgad College of Engineering, Pune
1013	619	Human emotion recognition using nonlinear and nonstationary EEG signal	Priyanka Ghare and Ajay Paithane	JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune
1017	625	Gain Enhancement of Microstrip Patch Antenna Array by using Substrate Integrated Waveguide for Wireless Communication System	Vaishali R. Ekke and Prasanna Zade	YCCE, Nagpur
1020	630	Real Time Text Detection and Recognition on Hand Held Objects to Assist Blind People.	Samruddhi Deshpande and Revati Shiram	Cummins College of Engineering For Women Karvenagar, Pune
1025	643	Improved MAC Protocol for Emergency Handling in WBAN	Jyoti Kamble and Amarsinh Vidhate	Ramrao Adik Institute of Technology, Mumbai
1030	645	Framework For Web Service Composition And Invocation	Tejal Ghadge and Prof. Nagaraju Bogiri	KJ College of Engineering and Management Research, Pune

1036	657	A comparative study of different yaw stability control strategies with different road condition and handling maneuver	Subhra Chandan Behera, Gaurav Chaudhary, Debasish Mohapatra and Girish Kumar Choudhary	NIT, Patna
1042	660	Logic Optimization Of AES S-Box	Shreenivas Pai N, Raghuram S, Chennakrishna M and A.S.Varun Karthik	M S Ramaiah Institute of Technology, Bangalore
1047	661	Design and Implementation of ACO Feature Selection Algorithm for Data Stream Mining	Shivani Harde and Vaishali Sahare	G. H. Raisoni Institute of Engg. and Tech. for Women, Nagpur
1052	663	Step Approach for Finite Element Modeling of Ultrasound Transducer	Supriya Dudhal, Prof.Vaishali Upadhye and Dr. Sudhir Agashe	Cummins College of Engineering For Women Karvenagar, Pune
1056	666	Grid Interconnection of DC Microgrid at Distribution level using Power Electronic Converter System-MATLABSimulink Modeling And Analysis	Prasad V. Joshi, Yogesh S. Bhavsar, Sharad S. Dhamal, Anurag M. Lulhe and Tushar P. Pandhi	N.D.M.V.P.S's K.B.T.C.O.E., Nashik
1062	668	Comparative study of Neural Networks for Prediction of Cardiac Arrhythmias	Jairam Kelwade and Suresh Salankar	B. D. College of Engineering, RTM Nagpur University
1067	674	Analysis and Classification of Human Skin Diseases	Pravin Manoorkar and Durgaprasad Kamat	Sinhgad Academy of Engineering, Pune
1072	680	Design of Multi-band Planar Diversity Antenna for Bandwidth and Gain Enhancement	Vandana Satam and Shikha Nema	SNDT Women's University, Mumbai
1077	681	MICROSTRIP ANTENNA DESIGN FOR DIGITAL CELLULAR SYSTEM	Amit Naik and K Krishna Naik	Shri Govindram Seksaria Institute of Technology and Science, Indore
1080	686	Speaker Dependent Speech Emotion Recognition using MFCC and Support Vector Machine	Prajakta Dahake, Kailash Shaw and Dr. Mrs. P Malathi	D. Y. Patil College of Engineering, Akurdi, Pune
1085	688	WEARABLE SYSTEM TO MEASURE LATERAL AND FLEXION BENDING	Bhagyashri Jonwal and Asmita Wakankar	Cummins College of Engineering For Women Karvenagar, Pune
1089	691	Real-Time Performance Evaluation and Stability Testing of RasPBX for VoWiFi	Sanjeeth Baliga, Karan Chudasama and Dayanand Ambawade	Sardar Patel Institute of Technology, Mumbai
1096	693	Different Language Recognition Model	Sankirna Joge and Anil Shirsat	Smt. Kashibai Navale College of Engineering, Vadgaon (Bk.), Pune
1102	694	A Novel Framework for Disparity Estimation in FPGA	Vasundhara Posugade and Rohita Patil	Smt. Kashibai Navale College of Engineering, Vadgaon, Pune
1106	703	High Return loss Microstrip patch antenna design for Radio applications	Simarjit Singh Saini, Hemant Bhatia, Abhi Goyal and Ekambir Sidhu	Punjabi University Patiala, Patiala
1110	705	Application of Machine Learning algorithms for betterment in Education system	Radhika Halde	L & T Infotech, Mumbai
1115	708	Model of car wing active control in order to increase stability of car on corners of roads	Mahdi Salehi, Mojtaba Ahmadih Khanesar and Faezeh Farivar	Science and Research Branch, Islamic Azad University, Tehran, Iran
1120	713	14N NQR spectrometer for explosive detection: A Review	Preeti Hemnani, A.K.Rajarajan, Gopal Joshi and S.V.G Ravindranath	Homi Bhabha National Institute, Bhabha Atomic Research Centre

N/A	715	Delegation of Authority in e-Governance	Aparna Bannore and Satish R. Devane	SIES Graduate School of Technology, Nerul, Navi Mumbai
1126	717	Optimization of Quality of Service (QoS) parameters using Contract Net Protocol in Ubiquitous Computing	Nivedita Bhirud and Subhash Tatala	Vishwkarma Institute of Information Technology Pune
1131	735	Survey on Logical Key Hierarchy for Secure Group Communication	Aparna Pande and Dr. Ravindra Thool	Computer Science and Engineering SGGGS IE&T, Nanded
1137	736	Dual Polarized Triple Band Microstrip Antenna for GSM/WiMAX/WLAN Applications	Rahul Parbat, Sagar Mahamine, Shekhar Bodake and Mahesh Aher	Sharadchandra Pawar College Of Engineering, Otur, Maharashtra
1142	737	Effects of Different Substrates on Rectangular Microstrip Patch Antenna for S-band	Sagar Mahamine, Rahul Parbat, Shekhar Bodake and Mahesh Aher	Sahyadri Valley College of Engineering, Rajuri, Maharashtra
1146	738	Design of Bluetooth Integrated UWB Printed Monopole Antenna For Wireless Application	Sagar Mahamine, Rahul Parbat, Shekhar Bodake and Mahesh Aher	Sahyadri Valley College of Engineering, Rajuri, Maharashtra
1152	739	A Hybrid Wired/Wireless Infrastructure Networking For Green House Management	Mahesh Aher, Sagar Nikam, Rahul Parbat and Vikas Chandre	Sharadchandra Pawar College Of Engineering, Otur, Maharashtra
N/A	740	Masked Gabor Cosine Image (MGCI) for Gait Recognition	Risil Chhatrala and Dattatray Jadhav	Rajarshi Sahu College of Engineering, Savitribai Phule Pune University, Pune
1158	744	A Survey of Cloud Auction Mechanisms & Decision Making In Cloud Market to Achieve Highest Resource & Cost Efficiency	Ninad Shinde and Pasupuleti Sai Kiran	K L University, Guntur, Andhrapradesh
1163	745	Performance assessment of control policies for Semiactive Suspension using SIMSCAPE	Rahul Yerrawar and Rachayya Arakerimath	DYPIET, Pimpri, Pune
1169	746	Performance analysis of Oscillating Frequency of a Source Coupled VCO at 32nm regime	Satish Turkane, Kureshi Abdul Kadir and Manjusha K Ghule	Matoshri College of Engineering & Research Centre, Nashik, Savitribai Phule Pune University, Pune
1174	751	Recent Attack Prevention Techniques in Web Service Applications	Gajanan Bherde and Dr. Mukesh Pund	Department of Computer ,Vidyavihar, Mumbai
1181	752	Implementation of PFD based Spectrum Sensing Method in applications of Cognitive Radio	Abdul Hameed Ansari, S M Gulhane and Pallavi Thorati	JDIET, Yavatmal
1186	753	Signal Detection over Fading Channels in Presence of Correlated Noise	Abdul Hameed Ansari, S M Gulhane and N M Pachore	JDIET, Yavatmal
1193	755	Eosin -Y and Rose Bengal sensitized solar cell characteristics of N-doped nanocrystalline TiO ₂ films	Madhav Sarode, Y Kholam, B. B. Kale, Kakasaheb Mohite and S. R. Jadkar	Mahatma Phule Arts, Science, Commerce College, Panvel