



ATHARVA EDUCATIONAL TRUST'S

Atharva College of Engineering

International Conference on Convergence to Digital World - Quo Vadis (ICCDW- 2020) IEEE CONFERENCE ID: 45521

19th Feb 2019 (2 pm to 5 pm)

PAPER PRESENTATION SCHEDULE

19th Feb 2020 Venue: Presentation Hall PHASE 1 4th-FLOOR

TIME	Paper ID	Author Name	Title
19th Feb 2020 Time: 2pm onwards	165	Sakshi Gunde Sudha Gupta Annu Abraham	Evolution of technical advents in Fundus Camera to detect Diabetic Retinopathy
	192	Pooja Khatri, Sushma Kadge and Uday Chhatre	Review on different applications using Visual Vibration Analysis.
	134	Kavita Bani and Vaishali Kulkarni	Simulation & Analysis of IEEE 802.22 Cognitive Radio Network
	175	Mr. Rishabh Sanghai, Mr. Prashant Saundalkar, Mr. Jasim Mallick and Dr. Bhavin Shah	'Sort-X' Consignment Sorting System
	274	Anirban Chowdhury, Ranjit Roy and Kamal Krishna Mondal	Optimal allocation of wind based DG for enhancement of technical, economic & social benefits using Jaya Algorithm for radial distribution networks
	5	Karuna Nikum, Abhay Wagh, Rakesh Saxena and Priti Singh	Economical Approach for SVC Systems to Improve Power Quality using Fully Indigenous Technology
	249	Garima Gurjar Unhale, Priyanka Sharma, Rashmi Chaugule and Priyanka Tripathi	Review of Hybrid Electric Vehicle and it's optimization using MPPT Algorithms
	233	Akansha Bhargava, Gauri Salunkhe and Kishor Bhosale	A Comprehensive Study and Detection of Anomalies for Autonomous Video Surveillance Using Neuromorphic Computing and Self Learning Algorithm

Dr. S. P. Kallurkar
Principal

Prof. Nileema Pathak/ Prof. Sachin
Gavhane
Review Incharge

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TIME	Paper ID	Author Name	Title
19th Feb 2020 Time: 2pm onwards	155	Nitin Shekapure and Dr. Shrikant Kallurkar	SIGNIFICANCE OF BUSINESS INCUBATION IN PRACTICE
	22	Abhilasha Saini, Dr. Sudhir Bhardwaj, Dr. Bright Keswani, Dr. P.N. Nemade and Ajit Somani	Global measurements in relativistic collisions in terms of rapidity density
	35	Dr. Jyoti R. Amare	Characterization of carbon nano-tubes in liquid crystal mixtures
	218	Dr. Ritu Sharma, Dr.P.N. Nemade and Dr.S.P Kallurkar	Group Discussion: As an innovative tool to be employable in professional industry.
	248	Dr.Nidhi Gupta	Software Reliability Estimation with ART Network of Artificial Neural Network Using Execution Time Model
	283	Sameer Katakounde and Dr. Udai Chandra Jha	Significance of six sigma tools for industrial application based on full pledge manufacturing activities - A Review
	296	Priyanka Patel, Dr. Pravin Nemade, Dr. Bhushan Sonawane and Dipa Patel	Organic – Inorganic hybrid coating using silica-sol
	298	Dipa Patel, Dr. Pravin Nemade, Dr. Bhushan Sonawane and Priyanka Patel	Review work on adsorption of metal ions by employing coir pith
	311	Monika Shah and Dr. Preeti Meht.	C field perfect fluid cosmological model in LRS Bianchi type-I universe

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19th Feb 2020 Venue: Classroom: SMART CLASSROOM - 1 PHASE 1 5th-FLOOR

TIME	Paper ID	Author Name	Title
19th Feb 2020 Time: 2pm onwards	258	Prabhat Gupta, Megha Bhat, Vinaya Khamkar, Gauri Tandel and Gauri Salunkhe	Resin 3D Printer
	259	Komal Patole, Priyanka Karan, Deepak Gupta and Sujit Mishra	A comparative study of conventional and vedic multipliers.
	268	Shikha Malik and Ruchi Chauhan	Securing the Internet of Things using Machine Learning: A Review
	278	Nivedita Gadade, Aditi Parab, Rinku Choudhary, Yashita Gaikwad and Mohan Kumar	HOLOGRAPHIC DISPLAY WITH GESTURE CONTROL
	288	Ruchi Chauhan, Jyoti Kolap and Shikha Malik	A Survey on Mitigation Techniques of Denial of Service Attack on Internet of Things
	16	Jyoti Dange, R.P.Singh R.P.Singh and Vikas Gupta	Beam Scheduling scheme for Interference Suppression in Millimeter-Wave Cellular Network toward 5G
	28	Mahalaxmi Palinje	FinFET based PLL
	69	Gauri Vaidya, Ketki Vaidya and Kishor Bhosale	Text Recognition System for Visually Impaired using Portable Camera
	73	Supriya Dicholkar and Deepthi Sekhar	Review-IOT Security Research opportunities
	144	Harshraj Pardhi, Mahesh Chavan, Kirtan Shirodkar, Yash Nikam and Jyoti Kolap	3D Printed Bionic Arm
	162	Jyoti Mali, Dr Pravin Nemade and Dr Shrikant Kallurkar	Active Learning & E-learning in Engineering Education
	163	Shweta Mahadev Chavan, Suraj Sanjay Patil, Shreeraj Sanjay Palande, Satish Abhangrao Rajnale and Jyoti Mali	Advanced Military Wearable Technologies
	182	Pawan Badsewal, Kunj Bhatt, Darshil Chheda, Harsh Vaghani and Jyoti Mali	TechTreat using Machine Learning
	228	Gauri Salunkhe, Akansha Bhargava and Jyoti Dange	Review of Tools & Teaching techniques utilized for improvement of undergraduate Digital Signal processing course
	246	Vivek Ramakrishnan	Exposure Fusion using Particle Filtering Techniques
	247	Nilesh Gode, Bhavin Shah and Jyoti Gurav	Imbalanced Classification in Predictive Modelling simulate with R
	250	Mohan Kumar, Bhavin Shah, Nilesh Gode and Vivek Ramakrishnan	Efficient use of Electricity at home by the use of technology and consumer behavior
	277	Mhashelkar, Geetanjali Gajare, Mahindra Patel and Mehul Chavan	Heuristic- Based Phishing Site Detection
74	Deepthi Sekhar, Kavya K and Supriya Dicholkar	Study of Vibration Signal Range Using Fiber Optic Distributed Sensor	

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19th Feb 2019 (2 pm to 5 pm)**PAPER PRESENTATION SCHEDULE****19th Feb 2020 Venue: Classroom: SMART CLASSROOM -II PHASE 1 5th-FLOOR**

TIME	Paper ID	Author Name	Title	
19th Feb 2020 Time: 2pm onwards	36	Nileema Pathak	Bridge Health Monitoring using CNN	
	84	Tanvi Kapdi	Blended learning for enhancing student's learning experiences	
	151	Renuka Nagpure, Sumita Chandak and Nileema Pathak	Breast Cancer Detection using Neural Network Mammogram	
	19	Udit Doshi and Vaibhav Barot	Emotion Detection and Sentiment Analysis of Static Images	
	20	Lavany Jadhav, Kapil Parekh, Vikas Gupta and Sumita Chandak	Using Virtual Reality for therapeutic treatment of phobia	
	27	Natasha Ambre, Arpita Bhagat, Ninad Chavan and Deepali Maste	Augmented Reality Application to ameliorate learning experience using psychological traits	
	62	Kapil Parekh	Technical Analysis Test for a Weak-form of Efficient Market Hypothesis	
	147	Shrajna Shetty, Shubham Shetty, Varsha Vishwakarma and Smita Patil	Review paper on various Door Lock Security Systems.	
	138	Deepali Maste, Nikita Patil and Mamta Meena	Review of Health Care database	
	242	Aruna Pavate, Mansi Shah, Priti Mishra, Pranav Nerurkar and Anita Chaudhari	Cuisine Recommendation, Classification and Review analysis using Supervised Learning	
	313	Aditya Raut, Gajendra Raut, Jeevan Bhagade and Sachin Gavhane	Deep Learning Approach For Brain Tumor Detection And Segmentation	
	122	Neha Singh, Neha Kunte and Sinu Mathew	Impact of income level of an individual on his BMI and performance analysis using various Machine Learning Approaches on ATUS Survey 2014-16	

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19th Feb 2019 (2 pm to 5 pm)**PAPER PRESENTATION SCHEDULE****19th Feb 2020 Venue: Presentation Hall PHASE 1 4th-FLOOR**

TIME	Paper ID	Author Name	Title
19th Feb 2020 Time: 2pm onwards	185	Ranjit Roy, Tanmay Das and Kamal Krishna Mondal	Optimal Reactive Power Dispatch for Voltage Security using JAYA Algorithm
	178	Dr. Bhavin Shah, Prof. Kunal Shriwas, Prof. Nilesh Gode and Prof. Mohan Kumar	Preparation of clean, moisture free, oil & dirt free Compressed Air using Quarter Water Vessel Mechanism, Silica Layers Chamber & Rollers with fins & Filters Chamber
	181	Saras Wadhonkar, Raj Raorane, Sayali Patil and Prajakta Borole	Health Monitoring System Using Wearable Sensor Network For Workers In Industry
	191	Prajakta Borole, Dr. Shrikant Kallurkar and Dr. Pravin Nemade	Massive Open Online Course -The Innovative Way to groom students for Employment
	57	Advait Rane, Prathamesh Nate, Chirayu Kushalkar, Pranav Pawar, Suraj Bharadwaj Tripathy and Garima Gurjar	Design of Boost converter using PID controller for efficiency maximization
	60	Gamre, Divyesh Khandhedia, Shankar Warang and Karuna Nikum	Gravitator - A gravity based power generator
	63	Dhirendrakumar Rajak, Yash Nandgaonkar, Omkar Lamkhade and Samihan Rajee	A comparative Analysis of energy storage on Fuel cell and Lithium ion battery : A case study.
	78	Shreyas Kulkarni, Namrata Walavalkar and Harshali Sapkal	Applications of CHP Concept in Major Indian Industries
	310	Samuel Jacob, Mandar Warde and Pratibha Dumane	Impact of Augmented Reality as an ICT tool to Deliver Engineering Education Content

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20th Feb 2019 (9 am to 1 pm)**PAPER PRESENTATION SCHEDULE****20th Feb 2020 Venue: Presentation Hall PHASE 1 4th-FLOOR**

TIME	Paper ID	Author Name	Title
20th Feb 2020 Time: 9 am onwards	123	Sidharth Dhiman, Rohan Thakur, Asavari Kamble and Kalpita Saggam	The Wastewater treatment plant
	128	Anjali Jawale, Mayuri Malvankar, Anagha Padte and Sarita Chauhan	Electric Vehicle: Indian Government Policies and Challenges
	194	Aaditya Pandey, Rutuja Borkar, Suraj Kumbhar, Pranali Ghunke and Pragya Jain	Comparison of Power Electronic Converters with Sliding Mode Control and Open Loop Control
	206	Vanya Goel, Romesh Chandra, Amitava Roy and Namita Maiti	Electrostatically and Electromagnetically Focused 60kW Electron Gun for High Voltage Applications
	208	Priti Singh, A. Majumder, Dr. A. K. Pulhani, Dr. G. Sridhar and Dr. Namita Maiti	Methods of High-Density Plasma Generation
	227	Kshipra Pandey, Sangeeta Kotecha and Nirajkumar Pandey	Automatic Estimation of Equivalent Circuit Parameters of Induction Motors for Drives
	239	Harshali Sapkal, Sanjana Wagh, Prachi Talokar and Uday Vishvekar	Review of Isolated DC Microgrid coalescing Maximum Power Point Tracking and PV Array to produce electric energy
	244	Shreyas Kulkarni, Namrata Walavalkar, Varoon Chhatre, Pratiksha Singh and Priyanka Sharma	Review of Optimization of Charge on VRLA Battery And Lithium Ion Operated Bike
	267	Suresh Deshmukh and Prasannati Kulkarni	To Optimize the Conduct of a Photovoltaic Structure Using different DC-DC Conversion Topologies with Emerging Methods for Control Algorithms
	272	Apurva Khachane	Torque Ripple Minimization of Switched Reluctance Motor and Comparison of Controllers for Electric Vehicle Application
	1	Sanket Sawant, Aniruddha Patil, Pratik Mahale and Nikhil Nair	Implementation Of A Energy Efficient BLDC Motor In A Ceiling Fan

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TIME	Paper ID	Author Name	Title
20th Feb 2020 Time: 9 am onwards	152	Abhijeet Thakare, Mansi Shah and Aruna Pavate	Landmines Detection Using Migration and Selection Algorithm on Ground Penetrating Radar Images
	102	Sachin Gavhane, Amruta Pokhare and Sanjay Shitole	Non-Parametric Method for enhancement of darker portion in an image
	297	Venkata Sai Krishna Vanama, Sanjay Shitole and Y. S. Rao	Urban flood mapping with C-band RISAT-1 SAR images: 2016 flood event of Bangalore city, India
	90	Venkatachalam, Uddhabendra Maity, Atharv Shetty, Dr. Sameer Nanivadekar and Prof. Vishal Badgujar	Autonetics and Administration for IT Laboratories
	92	Sameer Dev, Yogendra Kokamkar and Sudama Jaiswal	Voice Based Smart Assistive Device for Visually Impaired People
	94	Chaitanya Bysani, Ajinkya Huddar and Chintan Suchak	Dexter- The College FAQ Bot
	96	Srinivas Vishwanath and Saurabh Sharma	Vehicle Parking Management System
	113	Sujatha Ramesh and K. Natarajan	A Study of Satellite Networks and Educational Technologies for Ubiquitous Education
	121	Harshit Singh, Dhyankumar Palan, Ruhi Shinde and Mudra Doshi	Health Monitoring and Analysis System using IPFS and Blockchain.
	125	Sanyog Vyawahare and Kaustubh Chakradeo	Chatbot Assistant for English as a Second Language Learners
	129	Advait Maduskar, Aniket Ladukar, Shubhankar Gore and Neha Patwari	Music Generation using Deep Generative Modeling
	139	Prajwal Ravishankar and Geethakumari	Classification of IoT Binaries in Resource Constrained Environments

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20th Feb 2020 Venue: Classroom: SMART CLASSROOM -1 PHASE 1 5th-FLOOR

TIME	Paper ID	Author Name	Title
20th Feb 2020 Time: 9 am onwards	294	Mayank Vyas, Priya Khanzode, Sunita Sanap, Jidnesh Mhatre and Vivek Ramakrishnan	IOT Based ICU Patient Monitoring System
	299	Joslyn Gracias	Prospective Synthesis for Evaluation System of EMG Information Signal- An Overview
	4	Shreya Tembe, Smita Pawar and Saher Khan	Design of an affordable pH module for IoT based pH level control in Hydroponics Applications
	114	Harish Yadav, Sneha Choudhary, Aishwarya Verma, P.B. Karandikar, A.P. Karandikar and R.M. Holmukhe	Techno Commercial Solutions in Road side Distribution Transformers
	135	Ravindra Sonavane and Adhyayan Sonavane	Classification of Brain Tumor and Mammogram Images Using Adaboost and Learning Vector Quantisation Neural Network
	215	Minal Fegade, Harshprabha Paliwal, Dr. Navneet Agrawal, Ajay Singh and Suriti Gupta	Design a microstrip patch 5G antenna with modified defective ground structure
	223	Atharva Ajgaonkar, Shriniket Vichare, Rohan Badgujar, Manisha Bansode, Deepak Karia and Abhay Bambole	Remote Structural Health Monitoring
	225	Karuna Gamare and Ranjan Bala Jain	Cancer Cell Detection using 2D Photonic Crystal
	230	Bonthula Swetha, Jamparangi Veda Srith and Azees Maria	Efficient Anonymous Authentication and Key Management Schemes for Secure Service Provision In VANETs
	275	Ameya Kulkarni and Neha Rai	Cluster Based Object Tracking System Using Triangulation With Improved Energy Efficiency
	273	Jonas Robin, Mehul Soni, Rishabh Dubey, Nimish Datkhile and Jyoti Kolap	Computer Vision for Hand Gestures

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20th Feb 2020 Venue: Classroom: SMART CLASSROOM -2 PHASE 1 5th-FLOOR

TIME	Paper ID	Author Name	Title
20th Feb 2020 Time: 9 am onwards	160	Deepa Chakravarty and Debasish Pradhan	Segmentation of Images with Tubular Features based on Tight-Frame Technique
	187	Yasmeen Shaikh, Vasudev Parvati and Sangappa Biradar	Role of IoT and Bigdata Analytics in Healthcare for Disease Prediction
	189	Rishikesh Kadam, Vishakha Vidhani, Anushree Bane, Bhavika Valecha and Nupur Giri	Land Records System Using Hybrid Blockchain
	190	Dr. Sharvari Sane and Gururaj Chaughule	Application Of Business Modelling Tools In The Analysis Of Business Case.
	198	Sahil Jobanputra, Varsha Kukreja, Mukesh Jha and Dr. Radha Shankarmani	Universal Research Portal
	207	Akshata Churi and Dr. Vinayak Shinde	ALPHANUMERIC DATABASE SECURITY THROUGH DIGITAL WATERMARKING
	211	Sandhya Vijayarathy and Abhishek Murkute	Federated Learning – A Review
	219	Vinayak Bharadi and Geetanjali Sawant	Permission Blockchain based Smart Contract utilizing Biometric Authentication as a Service: A Future Trend
	221	Anisha Poojary, Avinash Chourasiya, Karan Jha and Prof Satish Ranbhise	Biometric Authentication System using Hand veins
	222	Zhouyu Yang, Ningyue Peng and Chengqi Xue	Exploratory Search Behaviors in Linear List Visualization
	224	Purnima Ahirao, Srijan Das, Rishabh Rupani and Suyash Jadhav	Prevention Technique for Social Engineering based Internet Banking fraud
	226	Vinayak Bharadi and Pravin Jangid	Evolving Authentication Design Consideration and BAAS Architecture for Internet of Biometric things

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