Venue: - Nagarjuna College Of Engineering and Technology, Bangalore , Karnataka , India.

Session Schedule

01st October 2021

CONFERENCE ORAL SESSIONS SCHEDULE

Time : 8:45 AM - 10:45 AM   TRACK- A1: Computational Intelligence / AI / ML / IOT

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	1	V, Meghana*; B S, Anisha; Kumar, Dr. P. Ramakanth	IOT based Smart Traffic Signal Violation Monitoring System using Edge Computing	8.45 AM	9.00 AM	**Meeting ID :** https://meet.google.com/iqj-jetr-qto **Session coordinator:** **Mr. Kasetty Ram Babu** **Session Chair :** **Dr. Pradeep Kumar Roy**
2	6	Shipra	A Blogging Application Based on Facial Authentication	9.01 AM	9.15 AM	
3	54	Karani, Bhavya Vijay*; Shah, Urvik; Shah, Jainam; Dhande, Manoj	Stock Market Prediction Using Sentimental Analysis and Machine Learning	9.16 AM	9.30 AM	
4	75	D M, Bhavana Gowda*; M N, Nachappa; Menon, Akhil; K A, Apoorva; Mandal, Sanjeev Kumar	A Proposed Robust Computational Network Modelling to Optimally Investigate Gene Data	9.31 AM	9.45 AM	
5	100	Kasture, Kokila R*	Multi-class Classification of Ovarian Cancer from histopathological images using Deep Learning - VGG-16	9.46 AM	10. 00 AM	
6	102	Kadhiwala, Bintu*; Patel, Rakesh; Singh, Awadh Kishor	Hand-written Hindi Character Recognition - A Comprehensive Review	10.01 AM	10.15 AM	
7	115	Hnamte, Vanlalruata*; Hussain, J.	Deep Learning Based Intrusion Detection System : Modern Approach	10.16 AM	10.30 AM	
8	117	Vinayak, Aadithya*; Nair, Anu J; G, Veena	SENTIMENT ANALYSIS USING IMPROVED VADER AND DEPENDENCY PARSING	10.30 AM	10.45 AM	

Time : 1:45 PM- 4.00 PM   TRACK A2: Computational Intelligence / AI / ML

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	106	huirem, bharat meitei*; kumar, manoj	FPGA Implementation of True Random Number Generator Architecture using All digital phase-locked loop(ADPLL)			**Meeting ID :** https://meet.google.com/otm-ypkx-fwf **Session coordinator:** **Mr. Harish V** **Session Chair :** **Dr.Kayarvizhy N**
2	119	Singh, Vikrant*; Balyan, Shavik ; Mathur, Mayank	Detecting Network Anomalies using Multilayer Feature Selection Techniques and Machine Learning Algorithms			
3	120	Patil, Narayani*; Ingole, Kalyani; Darekar, Shubham S	Real Time Crowd Survillance using Machine Learing and IoT			
4	130	IDUPULAPATI, NITEESH*; Ankem, Mohith; Manam, Srilatha; P, Teja naga dattu; Shaik, Vahed	Classification and Prediction of Snake Species based on Snakes' Visual Features using Machine Learning			
5	164	Gavel, Harish Mr*; Mehta, Ashok	A Novel Approach of Multi-Objective Based Feature Selection Method for Face Recognition			
6	185	Singh, Jeetesh R*; Padwal, Pareena S; Singh, Yashpreet; Pansambal, Suvarna Yogesh	DVAR: Data Visualization using Augmented Reality			
7	193	KAPOOR, NITIKA*; Shah, Imran	To Detect and Prevent Black Hole Attack in Mobile Ad Hoc Network			
8	245	Bhavsar, Vivek*; Rodrigues, Desmond; Bhakre, Yash; Pradhan, Rohit; Bhosle, Sushma	Location Based Chat Android Application			
9	248	Bhimani, Darsh*; Bheda, Rutvi J; Dharamshi, Femin; Nikumbh, Deepti; Abhyankar, Priyanka	Identification of Hate Speech using Natural Language Processing and Machine Learning			

Time : 4.00 PM- 6.15 PM   TRACK- A3: Computational Intelligence / AI / ML

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	256	SUHA, MUSFIRAH *; Shailendra, Roopashree ; S, Mohammed Siddiq	SIGNify – A mobile solution for Indian sign language using MobileNet architecture	4.00 PM	4.15 PM	**Meeting ID :** https://meet.google.com/ewi-uczu-ryg **Session coordinator:** **Mr. Sreenivasa T V** **Session Chair :** **Dr NageswaraRao Sirisala**
2	257	Pandiaraj, Velmurugadass*	Enhancing Security Service of Data Protection Level using Machine Learning	4.15 PM	4.30 PM	
3	259	Kharche, Dr.Shubhangi*; RAMANATHAN, GAURI; CHAKRABARTI, DIYA; Rishipathak, Sakshi Sanjay; Patil, Aarti	Eye Disease Detection Using Machine Learning	4.30 PM	4.45 PM	
4	266	Thangavel, Renukadevi*	AN EFFICIENT DETECTION OF PNEUMONIA BY DEEP LEARNING TECHNIQUES	4.45 PM	5.00 PM	
5	279	kumar, sujit*	Intelligent Bearing Fault Diagnosis and Classification based on Support Vector Machine	5.00 PM	5.15 PM	
6	280	Marla, Karnakar*; Rahman, Mohammed Haseeb Ur	APPLICANT PERSONALITY PREDICTION SYSTEM USING MACHINE LEARNING	5.15 PM	5.30 PM	
7	323	Mahajan, Palvi*	Internet of things revolutionizing Agriculture to Smart Agriculture	5.30 PM	5.45 PM	
8	326	Kishore, Dannina*; Meenakshi, K; Kora, Padmavathi ; Swraja, K	A Robust blind watermarking with integer wavelets and Hadamard transform using Gray Wolf Optimization algorithm	5.45 PM	6.00 PM	
9	924	ACHARI, NARASIMHAIAH KAMMARI; Gajbhiye, Pallavi*	An Approach to Mitigate the EMI Noise Effect in Vehicle-to-Grid (V2G) System	6.00 PM	6.15 PM	

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	327	Abdiyeva-Aliyeva, Gunay*; Hematyar, Mehran; Bakan, Sefa	Development of system for detection and prevention of cyber attacks using Artificial Intelligence methods	8.45 AM	9.00 AM	**Meeting ID :** https://meet.google.com/jox-dsqs-okv **Session coordinator:** **Ms. Sunitha M** **Session Chair :** **Dr. Deepamala.N**
2	333	Dogra, Surendra Kumar; JAYANTHU , Singam ; Samal, Abhaya Kumar; Pramanik, Jitendra*; Pani, Subhendu kumar	Machine Learning Approach to Implement Mine Fire Predicting for Underground Coal Mines	9.01 AM	9.15 AM	
3	334	k, Suresh*; N, Kumaratharan	Analysis of Hybrid Medium Access Control with WiFi mechanism integration over Unlicensed Spectrum	9.16 AM	9.30 AM	
4	339	Pawar, Lokesh*; Bathla, Gaurav; Bajaj, Rohit	CoMP based Tri Sector Tilted Antenna in LTE Advanced Networks	9.31 AM	9.45 AM	
5	340	Bajaj, Rohit*; Bathla, Gaurav; Pawar, Lokesh	Behavioral Analysis of Reactive Protocol of MANET	9.46 AM	10. 00 AM	
6	347	Rajarapollu, Prachi*	Design & Development of Insurance Money Predictor to Claim with Insurance Company	10.01 AM	10.15 AM	
7	351	Gondkar, Atharva*; Thukrul, Jeevan Vijay; Bang, Raghav; Rakshe, Siddhika; Sarode, Sambhaji	Stock Market Prediction and Portfolio Optimization	10.16 AM	10.30 AM	
8	352	Sinha, Vijay Kumar*; Kaur, Narinder; Kang, Sandeep S	Early detection of ASD traits in Children using CNN	10.301AM	10.45 AM	

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	373	saxena, Shikhar; Sharma, Kapil*	Detection of COVID 19 using Transfer Learning and Progressive Resizing on HR-CT Images	1.45 PM	2.00 PM	**Meeting ID :** https://meet.google.com/rmu-zojs-eht **Session coordinator:** **Mrs. Deepthi Prakash** **Session Chair :** **Dr.Sashikala Mishra**
2	383	Menezes, Leesa Robin*; Gnanaraj, Emmima; Bindra, Simran Amarjit ; Pansare, Ashwini	Early Stage Stroke Prediction Using Artificial Neural Network	2.01 PM	2.15 PM	
3	396	S, Sreelakshmi*; Ramachandran, Raji; D, Sivasree; T, Prem Raj; Thachambalathu, Pranav	Health Weather App	2.16 PM	2.30 PM	
4	397	Shah, Devanshu Vrajesh*; Chavan, Khushi; Kanani, Pratik; Shah, Sanket Sanjay	Realtime Facial Emotion Recognition	2.31 PM	2.45 PM	
5	433	Pimple, Shruti Ravindra*; Chhatbar, Vidhi; Gondhalekar, Mihir	Machine Interpretation Of Medical Images Using Deep Learning	2.45 PM	3.00 PM	
6	455	T, Manvitha; K, Chandrasekaran*	A study on Blockchain enabled Supply Chain Management and its Challenges	3.01 PM	3.15 PM	
7	461	K, Aparna*; V S, SREEJESH KUMAR; R, Ani	Ensemble Machine Learning Approaches in Molecular Fingerprint based Virtual screening	3.16 PM	3.30 PM	
8	470	Kulkarni, Piyusha P*; Bhoj, Radhika; Rajapure, Sourabh; Gujar, Shubham; Verma, Devika; Ranjan, Rakesh	Camelot: AI-Powered Campaign Management System	3.31 PM	3.45 PM	
9	479	Garg, Deepanshu*	A Systematic Review on Penetration Testing	3.46 PM	4.00 PM	

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	519	Kaur, Jasleen*; Garg, Urvashi	A Detailed Survey on Recent XSS Web-Attacks Machine Learning Detection Techniques	4.00 PM	4.15 PM	**Meeting ID :** meet.google.com/fzu-zwmq-ypj **Session coordinator:** **Mr. Sreenivasulu K N** **Session Chair :** **Dr Nilakshi Jain**
2	532	Gondkar, Atharva*; Gandhi, Rayan; Jadhav, Nagesh	Facial Emotion Recognition using Transfer Learning: A Comparative Study	4.15 PM	4.30 PM	
3	543	Ponnampalam, Pirapuraj*	JarBot: Automated Java Libraries Suggestion in JAR Archives Format for a given Software Architecture	4.30 PM	4.45 PM	
4	547	Singh, Anmol*; Sharma, Sugandha	Thyroid disease prediction using k-mean and machine learning	4.45 PM	5.00 PM	
5	558	Sanghavi, Rohan N*; KANCHAN, SACHIN RAJESH; Chheda, Fenil K; Kadge, Sushma	Detection of Atrial Fibrillation in Electrocardiogram Signals using Machine Learning	5.00 PM	5.15 PM	
6	569	Lobo, Pearl Alisha*; V, sarsvathi	Distributed File Storage Model using IPFS and Blockchain	5.15 PM	5.30 PM	
7	576	Kaur, Manjot*	Effect of Data Rate on Performance of the Wireless Body Area Network	5.30 PM	5.45 PM	
8	607	Mishra, Dr. Sashikala *; Kenchappagol, Aryan; Shinde, Yashowardhan Navin; Patil, Sumit; Panchwatkar, Yash	Hybrid Approach for Predicting Heart Failure using Machine Learning	5.45 PM	6.00 PM	
9	933	dharmireddy, ajay kumar*; ijjada, Sreenivasa Rao	A Novel design of SOI based Fin Gate TFET	6.00 PM	6.15 PM	

Time : 8:45 AM - 10:45 AM   TRACK- C1: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	628	Nandanwar, Hritik; Nallamolu, Sahiti*	Depression Prediction on Twitter using Machine Learning Algorithms	8.45 AM	9.00 AM	
2	638	Sivapathasundaram, Janakan S*	A Review on Automated Neural Network System for Tabular Data	9.01 AM	9.15 AM	**Meeting ID :**
3	642	Jadhav, Rahul*; Sinha, Shambhavi; Wattamwar, Soham Manoj; Kosamkar, Pranali	Leveraging Market Sentiment for Stock Price Prediction using GAN	9.16 AM	9.30 AM	https://meet.google.com/ovy-ajku-vxn
4	644	Nadar, Vinitha Kumaresan*	Detection of Phishing Websites Using Machine Learning Approach	9.31 AM	9.45 AM	**Session coordinator:**
5	659	Shah, Dr. Jalpa B*; H, Aman; Vinay, GHR; Krishna, Vamsi	IoT and Machine Learning based Self Care System for Diabetes Monitoring and Prediction	9.46 AM	10. 00 AM	**Ms. Jyothi S K**
6	676	K V, Vaisakh*; Ravi, Akash; K O, Aakash; Sai, Achyuth; Bhaskar, Jasmine	SkillCrest: A Skill Assessment System Using Deep Knowledge Tracing and User Feedback Sentiment Analysis	10.01 AM	10.15 AM	**Session Chair :**
7	681	SRIVASTAVA, PRIYANKA*; MISHRA, P K	Stock Market Prediction Using RNN LSTM.	10.16 AM	10.30 AM	**Dr. Shruti Aggarwal**
8	682	Aneja, Naman*; Suri, Sandeep; papneja, Sachin; Khurana, Nikhil	Malware Mobile Application Detection Using Blockchain and Machine Learning	10.30 AM	10.45 AM	

Time : 1:45 PM- 4.00 PM   TRACK- C2: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	684	Ravish, Roopa*; Rangaswamy, Shanta; Char, Kausthub	Intelligent Traffic Violation Detection	1.45 PM	2.00 PM	
2	687	Kumar, Sanjay*; Kumar Singh, Arvind ; Kalam, Md. Abul ; Singh, M. Deben	Improved Fault Prediction using Hybrid Machine Learning Techniques	2.01 PM	2.15 PM	**Meeting ID :**
3	701	Dalal, Fatema*; Ingale, V V	Arrhythmia identification and classification using Ensemble Learning and Convolutional Neural Network	2.16 PM	2.30 PM	http://meet.google.com/mea-ndmr-xpf
4	708	Karim, Md. Ebtidaul*; Ahmed, Sabrina	A Deep Learning-Based Approach for Stock Price Prediction Using Bidirectional Gated Recurrent Unit and Bidirectional Long Short Term Memory Model	2.31 PM	2.45 PM	**Session coordinator:**
5	710	Dhakal, Gribesh*; Bista, Anuj; Gautam, Kiran; Ghimire Chhetri, Niyam; Thippeswamy, MN	MONITOR LEARNING FOR VIRTUAL CLASSROOM	2.45 PM	3.00 PM	**Mrs. Sreevani N**
6	719	Koganti, Chaitna Sri*; Vaddi, Sowmya Sree; Kandala, Dr.Kalyana Srinivas; Peddi, Anudeep	Artificial Intelligence Based Predictive Threat Hunting In The Field of CyberSecurity	3.01 PM	3.15 PM	**Session Chair :**
7	744	CR, RANJITHA*; S, LEKSHMY; GEORGE, JAYESH	Text Detection and Script Identification from Images using CNN	3.16 PM	3.30 PM	**Dr. Trupti Baraskar**
8	745	Sunori, Sandeep Kumar*	Unsupervised and Supervised Learning based Classification Models for Air Pollution Data	3.31 PM	3.45 PM	
9	767	Jain, Anupriya*; Agarwal, Muskan; Rao, Shubha V	Employee Burnout Prediction: A Supervised Learning Approach	3.46 PM	4.00 PM	

Time : 4.00 PM- 6.15 PM   TRACK- C3: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	791	Rao S.K, Shrikanth*	A Deep Learning Based Assisted Tool for Atrial Fibrillation Detection Using Electrocardiogram	4.00 PM	4.15 PM	
2	800	M V, Manoj Kumar*; G M, Aditya; Hoode, Aditya; Rai, Anvesh; Biradar, Gangadhar; B S, Prashanth ; HR, SNEHA	Machine Learning Based Platform and Recommendation System for Food Ordering Services within Premises	4.15 PM	4.30 PM	**Meeting ID :**
3	807	Sunori, Sandeep Kumar*; Maurya, Dr Sudhanshu	Soil pH Prediction using Artificial Intelligence	4.30 PM	4.45 PM	https://meet.google.com/okn-vccs-isj
4	822	SR, Likhith*; N, Nalini	Classification and Segmentation of Brain MRI images using Deep Learning	4.45 PM	5.00 PM	**Session coordinator:**
5	825	G, SETHURAM RAO*; D, Vydeki	GlioMeNet: Brain tumor analysis using faster R-CNN	5.00 PM	5.15 PM	**Mr. Mallanna S D**
6	827	Razdan, Sanjay*; Gupta, Himanshu; Seth, Ashish	Performance of Network Intrusion Detection Systems in Cloud Computing: A Review	5.15 PM	5.30 PM	**Session Chair :**
7	833	Pawar, Rupali*; Wamburkar, Saloni; Awalkar, Nikita; Deshmukh, Rutuja	Driver Drowsiness Detection Using Deep Learning	5.30 PM	5.45 PM	**Dr. Harshal Anilkumar Shah**
8	835	Singhal, Mayank*; Agarwal, Ritu	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN	5.45 PM	6.00 PM	
9	935	Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana	Measuring Topic Based Influence of Users	6.00 PM	6.15 PM	

Time : 8:45 AM - 10:45 AM   TRACK- D1: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	837	Chandrakar, Ila*	Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption	8.45 AM	9.00 AM	
2	843	Purkayastha, Roneeta*; ROY, ABHISHEK	Static structure of smart card based cloud voting system	9.01 AM	9.15 AM	**Meeting ID :**
3	845	Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar*	A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms	9.16 AM	9.30 AM	https://meet.google.com/oqj-vgbz-hca
4	849	Dunbray, Nachiket*; Rane, Rashmi; Katade, Jayesh; Mavale, Shreyas; Nimje, Sparsh	A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting Classifier Between LightGBM and KNN	9.31 AM	9.45 AM	**Session coordinator:**
5	850	D, ASWATHI C*; Ann Mathew , Nimmy ; K S, RIYAS; Jose, Renu	Comparison Of Machine Learning Algorithms For Heart Rate Variability Based Driver Drowsiness Detection	9.46 AM	10. 00 AM	**Mr. Mahesh M R**
6	857	Shah, Nemil J*; Bhatia, Jay S; Vasavat, Nimit K; Desai, Rishi; Sonawane, Pankaj	Early Sepsis Detection using Machine Learning and Neural Networks	10.01 AM	10.15 AM	**Session Chair :**
7	880	Kumar, Chaitanya; Sharma, Arjun*; Guruviah, Dr.Velmathi	Driver Activity Oversight System	10.16 AM	10.30 AM	**Dr. Manish Paliwal**
8	897	Chharia, Aviral*; Chauhan, Shivu; Basak, Shankhaneel; Sharma, Bikramjit	NeT-Vent: Low-Cost, Rapidly Scalable and IoT-enabled Smart Invasive Mechanical Ventilator with adaptive control to reduce incidences of Pulmonary Barotrauma in SARS-CoV-2 patients	10.301AM	10.45 AM	

Time : 1:45 PM- 4.00 PM   TRACK- D2: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	901	BS, Shreyas*; MG, Shashank; S, Abhaay; Kalambur, Subramaniam	Effect of Garbage Collection on Streaming Big Data Workloads	1.45 PM	2.00 PM	**Meeting ID :**
2	905	Johnson, Nobin Jaison*; Yerramilli, Nithin Sameer; Y, Omsri Sainadh Reddy	College Exam Allocation Using MongoDB and Python3	2.01 PM	2.15 PM	https://meet.google.com/rte-aias-ysd
3	918	Harris, Preethi*	Fake Instagram Profile Identification and Classification using Machine Learning	2.16 PM	2.30 PM	
4	926	Singh, Soni*	Machine Learning Techniques and Implementation of Different ML Algorithms	2.31 PM	2.45 PM	**Session coordinator:**
5	931	DH, Chaithra *; S, Vijaya Shetty	Alzheimer's Disease Detection from Brain MRI Data using Deep Learning Techniques	2.45 PM	3.00 PM	**Mr. Sudhakara Reddy M**
6	934	Zope, Aniket S*; Inamdar, Dr. Vandana	Edge Enhancement for Image Super-Resolution using Deep Learning Approach	3.01 PM	3.15 PM	**Session Chair :**
7	939	Navya, K T*; Prasad, Keerthana; Singh, Brij Mohan Kumar	Classification of blood cells into white blood cells and red blood cells from blood smear images using machine learning techniques	3.16 PM	3.30 PM	**Dr.Bhuvaneshwari P**
8	950	SHETH, PRIYAM A*; Sanjeev, Soumya ; Lad, Abhi N; Solanki , Yash	Energy Aware IoT based Green Smart University With Automated Lighting and CCTV System using MQTT and MySQL	3.31 PM	3.45 PM	
9	954	Kaur, Bobbinpreet*; kaur, Kiranjeet	Using Artificial Intelligence and Mathematical Modeling for Advancement of Gold Nanotechnology in Therapeutic Biophysics	3.45 PM	4.00 PM	

Time : 4.00 PM- 6.15 PM   TRACK- D3: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	957	Mittal, Nitin*; Goyal, Reema	E-governance Through Blockchain Technology. A Review	4.00 PM	4.15 PM	**Meeting ID :**
2	984	Metre, Vishakha A*	Research opportunities for the detection and classification of plant leaf diseases	4.15 PM	4.30 PM	http://meet.google.com/chs-ryfg-miy
3	997	Kadakia, Rahil; Kalkotwar, Parth G*; Jhaveri, Pruthav; Patanwadia, Rahul R; Srivastava, Kriti	Comparative Analysis of Micro Expression Recognition using Deep Learning and Transfer Learning	4.30 PM	4.45 PM	
4	1000	Chiniah, Aatish*; Baichoo, Humaïra	An Adaptive Communication Model for Android Bus Tracking App	4.45 PM	5.00 PM	**Session coordinator:**
5	1002	Aggarwal, Dr. Shruti*; Verma, Amit	Application Based Categorization of Datasets for Implementing Data Mining Techniques	5.00 PM	5.15 PM	**Mr. Subramanya. S. G**
6	1004	Shidaganti, Ganeshayya*; Dagdi, Himanshu; yadav, ikesh; Pawar, Jagdish; ., aman	Summarization of Student Feedback using Sentiment Analysis:Case Study	5.15 PM	5.30PM	**Session Chair :**
7	1006	Uniyal , Alankar; Patel, Ayush; Dhanare, Ritesh*	Parkinson's Disease Predictor via Voice Analysis	5.30 PM	5.45 PM	**Dr. Aditya Shastri**
8	1008	Desai, Bhagyesh*; KAPOOR, NITIKA	Hybrid Classification Approach for Software Defect Prediction with Feature Reduction and Clustering	5.45 PM	6.00 PM	
9	940	Bukya, Ravi*	Analysis of Interoperability Different Compensation Network In Wireless EV Charging Systems	6.00 PM	6.15 PM	

Time : 8:45 AM - 10:45 AM   TRACK- E1: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	1009	Patel, Ayush; Uniyal, Alankar; Dhanare, Ritesh*	U.K. Car Accident and Insurance Predictor using Machine Learning	8.45 AM	9.00 AM	**Meeting ID :**
2	1010	J, Vasavi *; M S , Abirami	An Image Pre-processing on Iris, Mouth and Palmprint using Deep Learning for Biometric Recognition	9.01 AM	9.15 AM	https://meet.google.com/mzb-avep-kof
3	1021	Sharma, Sourav; Choudhary, Vatsal ; Kothari, Sarthak ; Choudhury, Amitava*	Customized Human Mask-Face Recognition using Computer Vision	9.16 AM	9.30 AM	
4	1022	R S, Darshan*; H, Pavan; R , Pratheesh; S Raj, Mohith; Suresh, K V; C, Prathap	An IoT Enabled Water Management System with Water Usage Prediction using ANN	9.31 AM	9.45 AM	**Session coordinator:**
5	1023	Naik, Sahana Suresh*; Charantimath, Shilpashree R	Channel Estimation using Conventional Methods and Deep Learning	9.46 AM	10. 00 AM	**Mr. Abraham R**
6	1025	Mondal, Asif Ikbal; Mandal, Bijoy Kumar; Choudhury, Amitava*	Cryptosystem using Facial Landmark for Authentication, Pairing and Key Generation in Bluetooth Security	10.01 AM	10.15 AM	**Session Chair :**
7	1026	Kaunchi, Pooja Channappa*	Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory	10.16 AM	10.30 AM	**Dr.K.Saraswathi**
8	1028	Tank, Kanchi*	Online Handwritten Mathematical Expression Solver Using Artificial Neural Network	10.301AM	10.45 AM	

Time : 1:45 PM- 4.00 PM   TRACK- E2: Computational Intelligence / Blockchain / IOT / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start time	End Time	Online Meeting ID
1	1039	Sinha, Vijay Kumar*; Rishu, Ms.	A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning	1.45 PM	2.00 PM	**Meeting ID :**
2	1040	Singhal, Mayank*; Agarwal, Ritu	Generative Adversarial Networks and their Miscellaneous Applications: A Review	2.01 PM	2.15 PM	http://meet.google.com/oan-aefv-ize
3	1049	P, Ushashree*; Sampath, Krishna; Patil, Prasad; M J, Karthik; MJ, Joshwan	AUTHENTICATED WEB BASED VOTING SYSTEM	2.16 PM	2.30 PM	
4	1050	V, Sowmya*; N, Kayarvizhy	An Efficient Missing Data Imputation Model on Numerical Data	2.31 PM	2.45 PM	**Session coordinator:**
5	1053	Deshpande, Nitinkumar S*; Mistri, Neha; Vadinkar, Rahul W; Pansare, Rahul	Implementing IIoT Applications in Electrical Instrumentation Sector	2.45 PM	3.00 PM	**Mr. Muthuraju V**
6	1056	REBBA, YAGNA SAI KALYAN K; Gujja, Shashank Rao; Siripalli, Satyanarayana Teja; Shoaib, Mohammed ; Kadali,	Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Screening	3.01 PM	3.15 PM	**Session Chair :**
7	1059	Paramkusham, Spandana*	Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features	3.16 PM	3.30 PM	**Dr. SAROJADEVI H.**
8	552	Dutta, Lakshay *; Rana, Ashwani	Disease Detection Using Transfer Learning In Coffee Plants	3.31 PM	3.45 PM	
9	577	Kaur, Manjot	Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol	3.45 PM	4.00 PM	

Time : 4.00 PM- 6.15 PM   TRACK- E3: Antennas & Propogation, Control, Instrumentation and Automation/ Power Electronics / Signal & Image Processing

Sr.No.	Paper ID	Corresponding Author Name	# Paper Title	Start Time	End Time	Online Meeting ID
1	9	Prakash, Indra Mr*; Klikic, Damir; Prabhakaran, Navya; G, Jagadanand; PULAKHANDAM, VENKATESH	Decoupled Layout Approach for Paralleling GaN Devices in Half Bridge Inverters	4.00 PM	4.15 PM	
2	37	Hiremath, Mrutyunjaya S*; H. S, Nagamani	Leaf Region Segmentation for Plant Leaf Disease Detection using Color Conversion and Flood Filling	4.15 PM	4.30 PM	
3	47	SAHA, SANJOY KUMAR*; BISWAS, SOUMEN	Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer	4.30 PM	4.45 PM	**Meeting ID :**
4	67	SUGUNA, NAINERI*	Bandwidth Enhancement of Compact Printed Super Wide Band Antenna with Space Filling Slots for Microwave Applications	4.45 PM	5.00 PM	https://meet.google.com/mjg-zetg-wdg
5	91	Chadha, Dilshan Singh*; Chaturvedi, Kartikeya; Upadhayay, Madhur Deo	Flyswatter Shaped Antenna for 8 Element Beam Forming Network utilising Butler Matrix	5.00 PM	5.15 PM	
6	107	Raj, Neha*; Suri, Manikanta; K, Sireesha	Forecasting of EV Arrivals at Battery Swapping Station using GA-BPNN	5.15 PM	5.30 PM	**Session coordinator:**
7	113	Sandhu, Aman preet*; Sankalp, Meenu	A New Design of D Flip-Flop Using Quantum-Dot Cellular Automata	5.30 PM	5.45 PM	**Mr. Arun Kumar S**
8	114	Sawant, Aayush Rajendra*; Kinkar, Kajal; Bahadkar, Aaditya; Ambhore, Siddeshwar Dilip; Kulkarni, Ashwini	Design of Voice-Controlled Wheelchair Model	5.45 PM	6.00 PM	**Session Chair :** **Dr Sudhanshu Maurya**
9	962	Mittal, Nitin*	An Analysis of Applications of Nanotechnology in Science and Engineering	6.00 PM	6.15 PM	

Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer

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Abstract - **DVRs commonly use PI controllers. In spite of the fact that the required Proportional Integral controller does not alone provide the output, by using gains which are fixed when there is a variations in the operating conditions or system parameters. This problem is solved by an adaptive Proportional integral with fuzzy logic. The fuzzy controller will adjust the error and rate of error of the Proportional Integral controller according to respective readings and fuzzy control rules, in order to get adjusted to any operating conditions variations. The corresponding results of simulation proved that the method of adaptive Proportional Integral with fuzzy logic control considerably improves the DVR performance as compared to the normal Proportional Integral controller.**

Index Terms - *Proportional Integral, Adaptive fuzzy Proportional Integral, Fuzzy controller, Dynamic Voltage Restorer, Voltage.*

I. INTRODUCTION

Elegant electrical and electronic apparatus, like computers, PLC, variable speed drives, etc are used to draw the attention of the consumers as well as distributors. Voltage dip which may be caused in the system because of the sudden change in the voltage at either the distribution or transmission level .A remarkable voltage dip may happen in the system under high load condition. With magnitude varying from 11 – 91% Voltage sags may happen at any time, and also may last for ½ to 1 min. Depending on the type of fault that may occur, there could be a balanced or unbalanced, and they might have undetermined magnitudes which depends on factors like the location where the fault occurred as well as connections of transformer. Whereas a sudden surge increase in voltage from 105% to 175% at elementary frequency with the fluctuating time varying from a half cycle to one minute is defined as Voltage swell.

This paper announced the DVR which is an aggregate of fuzzy and Proportional Integral controllers and its operating principle. The simulation results generated by MATLAB-SIMULINK, implements ananalogy between the suggested and the commonly used Proportional Integral controllers as referred to as voltage improvement when the impedance changes from very less to a relatively small value (weak power system).Ending with the discussions of the outcomes.

Various results as well as issues with the help of DVRs had been resulted out in the past times. Technical samples of DVRs are shown in [19]–[21], where large numbers of further

possible output results relating to DVRs are described in [23]. In [24], different output controlling techniques are being evaluated relating to various patterns of voltage sags, whereas [25] has an energy evaluating control technique. In [26] a sample DVR functioning at average voltage was explained working in actual grid-fault situation. In [27] and [28], different control strategies were suggested with the help of a DVR acting as a harmonic compensator. However, much small amount of work has been shown describing and estimating and measuring with different possible DVR configurations.

The voltage on the load side must be regulated by the DVR which inserts voltage into the system. DVR was first installed in the year 1996 (Li, et al., 2001).DVR immediately increases the fluctuation so that there is no power interruption to that particular load [Sng et al., 2004]. Other than its actual task that is balancing voltage sags and swells; a DVR for many other purposes may be used like: harmonic voltage balancing, transient voltage balancing. In general the DVR has many parts like an output filter, Voltage Source Inverter or (VSI), storage device, and voltage injection transformer as in Figure 1.
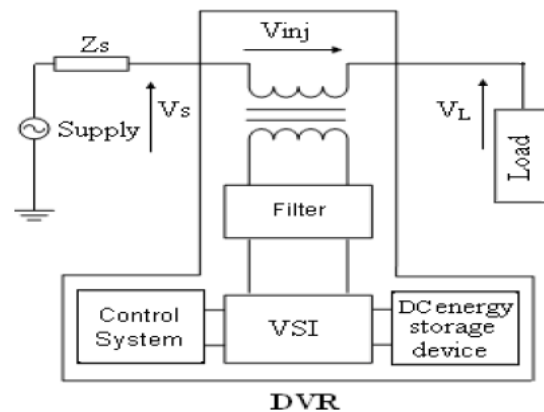

Fig. 1.   General Configuration of DVR

II. CONVENTIONAL PI CONTROLLER

The use of PI controller is because of its easy application and ability to control the steady-state error of a system. However, the bad side of this kind of compensator is that it cannot modify the system's transient variations. The normal Proportional Integral controller in (Figure. 2) has the form of Eq. (1), where U is the output which is further fed to the signal generator with PWM. KP and KI being the proportional and