	(EEE Global Conference for Advancement in Techn	ology - C	GCAT 2	
-			(IEEE Conference ID:52182) Technical Co-Sponsored By			BANGALORE SECTION
COLLEG	INAG. E OF ENGI	ARJUNA NEERING & TECHNOLOGY	IEEE BANGALORE SECTION.			
		Venue:	- Nagarjuna College Of Engineering and Technology, Ba	ngalore ,	Karnata	ka , India.
			Session Schedule			
			01st October 2021 CONFERENCE ORAL SESSIONS SCHED	ULE		
		Time : 8	45 AM - 10:45 AM TRACK- A1: Computationa		jence / A	NI / 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	
2	6	Shipra	A Blogging Application Based on Facial Authentication	9.01 AM	9.15 AM	Meeting ID :
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	https://meet.google.com/iqj-jetr-qto
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	Session coordinator:
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	Mr. Kasetty Ram Babu
6	102	Kadhiwala, Bintu*; Patel, Rakesh; Singh, Awadh Kishor	Hand-written Hindi Character Recognition - A Comprehensive Review	10.01 AM	10.15 AM	Session Chair : Dr. Pradeep Kumar Roy
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: Computation			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)			
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			Meeting ID :
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			https://meet.google.com/otm-ypkx-fwf Session coordinator:
5	164	Gavel, Harish Mr*; Mehta, Ashok	A Novel Approach of Multi-Objective Based Feature Selection Method for Face Recognition			Mr. Harish V
6	185	Singh, Jeetesh R*; Padwal, Pareena S; Singh, Yashpreet; Pansambal, Suvarna Yogesh	DVAR: Data Visualization using Augmented Reality			Session Chair :
7	193	KAPOOR, NITIKA*; Shah, Imran	To Detect and Prevent Black Hole Attack in Mobile Ad Hoc Network			Dr.Kayarvizhy N
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: Computatio	nal Intel	ligence	/ 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	
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	Meeting ID :
4	266	Thangavel, Renukadevi*	AN EFFICIENT DETECTION OF PNEUMONIA BY DEEP LEARNING TECHNIQUES	4.45 PM	5.00 PM	https://meet.google.com/ewi-uczu-ryg
5	279	kumar, sujit*	Intelligent Bearing Fault Diagnosis and Classification based on Support Vector Machine	5.00 PM	5.15 PM	Session coordinator:
6	280	Marla, Karnakar*; Rahman, Mohammed Haseeb Ur	APPLICANT PERSONALITY PREDICTION SYSTEM USING MACHINE LEARNING	5.15 PM	5.30 PM	Mr. Sreenivasa T V Session Chair :
7	323	Mahajan, Palvi* Kishore, Dannina*; Meenakshi, K; Kora, Padmavathi ;	Internet of things revolutionizing Agriculture to Smart Agriculture A Robust blind watermarking with integer wavelets and Hadamard transform using	5.30 PM	5.45 PM	Dr NageswaraRao Sirisala
8	326	Swraja, K	Gray Wolf Optimization algorithm	5.45 PM	6.00 PM	

6.00 PM

6.15 PM

ACHARI, NARASIMHAIAH KAMMARI; Gajbhiye, Pallavi* An Approach to Mitigate the EMI Noise Effect in Vehicle-to-Grid (V2G) System

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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	
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	Meeting ID :
4	339	Pawar, Lokesh*; Bathla, Gaurav; Bajaj, Rohit	CoMP based Tri Sector Tilted Antenna in LTE Advanced Networks	9.31 AM	9.45 AM	https://meet.google.com/jox-dsqs-okv
5	340	Bajaj, Rohit*; Bathla, Gaurav; Pawar, Lokesh	Behavioral Analysis of Reactive Protocol of MANET	9.46 AM	10. 00 AM	Session coordinator: Ms. Sunitha M
6	347	Rajarapollu, Prachi*	Design & Development of Insurance Money Predictor to Claim with Insurance Company	10.01 AM	10.15 AM	Session Chair :
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	Dr. Deepamala.N
8	352	Sinha, Vijay Kumar*; Kaur, Narinder; Kang, Sandeep S	Early detection of ASD traits in Children using CNN	10.301AM	10.45 AM	
		Time: 1:45 PM- 4.00 PM	TRACK- B2: Computational Intelligence / Bl	ockchai	n / IOT /	Signal & Image Processing
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	
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	Meeting ID :
3	396	S, Sreelakshmi*; Ramachandran, Raji; D, Sivasree; T, Prem Raj; Thachambalathu, Pranav	Health Weather App	2.16 PM	2.30 PM	https://meet.google.com/rmu-zojs-eht
4	397	Shah, Devanshu Vrajesh*; Chavan, Khushi; Kanani, Pratik; Shah, Sanket Sanjay	Realtime Facial Emotion Recognition	2.31 PM	2.45 PM	Session coordinator:
5	433	Pimple, Shruti Ravindra*; Chhatbar, Vidhi; Gondhalekar, Mihir	Machine Interpretation Of Medical Images Using Deep Learning	2.45 PM	3.00 PM	Mrs. Deepthi Prakash
6	455	T, Manvitha; K, Chandrasekaran*	A study on Blockchain enabled Supply Chain Management and its Challenges	3.01 PM	3.15 PM	Session Chair :
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	Dr.Sashikala Mishra
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	
		Time : 4.00 PM- 6.	15 PM TRACK- B3: Computational Intelliger	ice / IOT	/ Signal	& Image Processing
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	
2	532	Gondkar, Atharva*; Gandhi, Rayan; Jadhav, Nagesh	Facial Emotion Recognition using Transfer Learning: A Comparative Study	4.15 PM	4.30 PM	Meeting ID :
3	543	Ponnampalam, Pirapuraj*	JarBot: Automated Java Libraries Suggestion in JAR Archives Format for a given Software Architecture	4.30 PM	4.45 PM	meet.google.com/fzu-zwmq-ypj
4	547	Singh, Anmol*; Sharma, Sugandha	Thyroid disease prediction using k-mean and machine learning	4.45 PM	5.00 PM	Session coordinator:
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	Mr. Sreenivasulu K N
6	569	Lobo, Pearl Alisha*; V, sarsvathi	Distributed File Storage Model using IPFS and Blockchain	5.15 PM	5.30 PM	Session Chair :
7	576	Kaur, Manjot*	Effect of Data Rate on Performance of the Wireless Body Area Network	5.30 PM	5.45 PM	Dr Nilakshi Jain
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 AN	I TRACK- C1: Computational Intelligence / B	lockcha	in / 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	
3	642	Jadhav, Rahul*; Sinha, Shambhavi; Wattamwar,	Laurantine Madrat Castin and for Stade Daire David stars units CAN	9.16 AM	9.30 AM	Meeting ID :
3	042	Soham Manoj; Kosamkar, Pranali	Leveraging Market Sentiment for Stock Price Prediction using GAN	3.10 AW	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,	IoT and Machine Learning based Self Care System for Diabetes Monitoring and	9.46 AM	10.00 AM	Ms. Jyothi S K
		Vamsi K V, Vaisakh*; Ravi, Akash; K O, Aakash; Sai,	Prediction SkillCrest: A Skill Assessment System Using Deep Knowledge Tracing and User			Session Chair :
6	676	Achyuth; Bhaskar, Jasmine	Feedback Sentiment Analysis	10.01 AM	10.15 AM	Dr. Shruti Aggarwal
7	681	SRIVASTAVA, PRIYANKA*; MISHRA, P K	Stock Market Prediction Using RNN LSTM.	10.16 AM	10.30 AM	
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 / Bl	ockchai	n / 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	
3	701	Dalal, Fatema*; Ingale, V V	Arrhythmia identification and classification using Ensemble Learning and Convolutional Neural Network	2.16 PM	2.30 PM	Meeting ID :
4	708	Karim, Md. Ebtidaul*; Ahmed, Sabrina	A Deep Learning-Based Approach for Stock Price Prediction Using Bidirectional Gated	2.31 PM	2.45 PM	http://meet.google.com/mea-ndmr-xpf
		Dhakal, Gribesh*; Bista, Anuj; Gautam, Kiran;	Recurrent Unit and Bidirectional Long Short Term Memory Model			Session coordinator:
5	710	Ghimire Chhetri, Niyam; Thippeswamy, MN Koganti, Chaitna Sri*; Vaddi, Sowmya Sree; Kandala,	MONITOR LEARNING FOR VIRTUAL CLASSROOM	2.45 PM	3.00 PM	Mrs. Sreevani N
6	719	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*; Aganwal, 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 / Bl	ockchai	n / 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 ;	Machine Learning Based Platform and Recommendation System for Food Ordering Services within Premises	4.15 PM	4.30 PM	
3	807	HR, SNEHA Sunori, Sandeep Kumar*; Maurya, Dr Sudhanshu	Soil pH Prediction using Artificial Intelligence	4.30 PM	4.45 PM	Meeting ID :
4	822	SR, Likhith*; N, Nalini	Classification and Segmentation of Brain MRI images using Deep Learning	4.45 PM	5.00 PM	https://meet.google.com/okn-vccs-isj
5		G, SETHURAM RAO*; D, Vydeki				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 :
	833					
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
7	835		Driver Drowsiness Detection Using Deep Learning Cartoon Face to Human Face Translation using Contour Loss based CycleGAN	5.30 PM 5.45 PM	5.45 PM 6.00 PM	Dr. Harshal Anilkumar Shah
		Deshmukh, Rutuja				Dr. Harshal Anilkumar Shah
8	835	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN	5.45 PM 6.00 PM	6.00 PM 6.15 PM	
8	835 935 Paper	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN	5.45 PM 6.00 PM	6.00 PM 6.15 PM in / IOT End	
8 9	835 935	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time: 8:45 AM - 10:45 AN	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users TRACK- D1: Computational Intelligence / B	5.45 PM 6.00 PM Blockcha Start	6.00 PM 6.15 PM in / IOT	/ Signal & Image Processing
8 9 Sr.No.	835 935 Paper ID	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users I TRACK- D1: Computational Intelligence / B # Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic	5.45 PM 6.00 PM Cockcha Start time	6.00 PM 6.15 PM in / IOT . End Time	/ Signal & Image Processing
8 9 Sr.No. 1	835 935 Paper ID 837	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, Ila*	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users I TRACK- D1: Computational Intelligence / B # Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms	5.45 PM 6.00 PM Cockcha Start time 8.45 AM	6.00 PM 6.15 PM in / IOT . End Time 9.00 AM	/ Signal & Image Processing Online Meeting ID
8 9 Sr.No. 1 2	835 935 Paper 1D 837 843	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, Ila* Purkayastha, Ronecta*; ROY, ABHISHEK Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar* Dunbray, Nachiket*; Rane, Rashmi; Katade, Jayesh; Mavael, Shrzya; Yimi;, Sparsh	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users I TRACK- D1: Computational Intelligence / B # Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting Classifier Between LightGBM and KNN	5.45 PM 6.00 PM Cockcha Start time 8.45 AM 9.01 AM	6.00 PM 6.15 PM in / IOT End Time 9.00 AM 9.15 AM	/ Signal & Image Processing Online Meeting ID Meeting ID :
8 9 Sr.No. 1 2 3 4 5	835 935 935 Paper ID 837 843 845 849 850	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, Ila* Purkayastha, Ronecta*; ROY, ABHISHEK Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar* Dunbray, Nachiket*; Rane, Rashmi; Katade, Jayesh; Mavale, Shreyas; Kinija, Sparsh D, ASWATHI C*, Ann Mathew, Nimmy; K S, RIVAS; Jose, Renu	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users TRACK- D1: Computational Intelligence / B #Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting	5.45 PM 6.00 PM lockcha 8.45 AM 9.01 AM 9.16 AM 9.31 AM	6.00 PM 6.15 PM in / IOT End Time 9.00 AM 9.15 AM	/ Signal & Image Processing Online Meeting ID Meeting ID : https://meet.google.com/oqj-vgbz-hca
8 9 Sr.No. 1 2 3 4 5 6	835 935 Paper ID 837 843 843 845 849 850 857	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, IIa* Purkayastha, Ronecta*; ROY, ABHISHEK Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar* Dunbray, Nachiket*; Rane, Rachmi; Katade, Jayesh; Mavale, Shreyas; Nimje, Sparsh D, ASWATHI C*; Ann Mathew, Nimmy; K S, RIVAS; Jose, Renu Shah, Nemil #; Bhatia, Jay S; Vasavat, Nimit K; Desai, Richi, Sonawane, Pankaj	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users TRACK- D1: Computational Intelligence / B #Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting Classifier Between LightGBM and KNN Comparison Of Machine Learning Algorithms For Heart Rate Variability Based Driver Drowsiness Detection Early Sepsis Detection using Machine Learning and Neural Networks	5.45 PM 6.00 PM lockcha Start time 8.45 AM 9.01 AM 9.16 AM 9.46 AM 10.01 AM	6.00 PM 6.15 PM in / IOT 9.00 AM 9.15 AM 9.30 AM 9.45 AM 10.00 AM 10.15 AM	/ Signal & Image Processing Online Meeting ID Meeting ID : https://meet.google.com/oqi-vgbz-hca Session coordinator:
8 9 Sr.No. 1 2 3 4 5	835 935 935 Paper ID 837 843 845 849 850	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, Ila* Purkayastha, Roneeta*; ROY, ABHISHEK Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar* Dunbray, Nachiket*; Rane, Rashmi; Katade, Jayesh; Mavale, Shrzyay; Ning; Sparsh D, ASWATH C*; Ann Mathew, Ninmy ; K S, RIYAS; Jose, Renu Shah, Nemil P: Bhatia, Jay S, Vasavat, Nimi K; Desai, Rishi; Sonawane, Pankaj Kumar, Chatanya; Sharma, Arjun*; Guruviah, Dr. Velmathi	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users TRACK- D1: Computational Intelligence / B # Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting Classifie Between LightGBM and KNN Comparison Of Machine Learning Algorithms For Heart Rate Variability Based Driver Drowsiness Detection Early Sepsis Detection using Machine Learning and Neural Networks Driver Activity Oversight System	5.45 PM 6.00 PM lockcha 8.45 AM 9.01 AM 9.16 AM 9.31 AM	6.00 PM 6.15 PM in / IOT . Find 7100 AM 9.15 AM 9.30 AM 9.45 AM 10.00 AM	/ Signal & Image Processing Online Meeting ID Meeting ID : https://meet.google.com/oqi-vgbz-hca Session coordinator: Mr. Mahesh M R
8 9 5 Sr.No. 1 2 3 4 5 6	835 935 Paper ID 837 843 843 845 849 850 857	Deshmukh, Rutuja Singhal, Mayank*; Agarwal, Ritu Potphode, Manojkumar Shankar*; Inamdar, Dr. Vandana Time : 8:45 AM - 10:45 AN Corresponding Author Name Chandrakar, Ila* Purkayastha, Roneeta*; ROY, ABHISHEK Aji, Aravind; Jain, Kurunandan; Krishnan, Prabhakar* Dunbray, Nachiket*; Rane, Rashmi; Katade, Jayesh; Mavale, Shreyas; Ning; Sparsh D, SSWATH C*; Ann Mathew, Ninmy; K S, RIYAS; Jose, Renu Shah, Nemil P; Bhatia, Jays, Vuasvat, Nimit K; Desai, Rish; Sonawane, Pankaj Kumar, Chanarya, Sharma, Arjun*, Guruvah,	Cartoon Face to Human Face Translation using Contour Loss based CycleGAN Measuring Topic Based Influence of Users TRACK- D1: Computational Intelligence / B #Paper Title Privacy Preserving Big Data mining using Pseudonymization and Homomorphic Encryption Static structure of smart card based cloud voting system A Survey of Quantum Key Distribution (QKD) Network Simulation Platforms A Novel Prediction Model for Diabetes Prediction using GRIDSEARCH and a Voting Classifier Between LightGBM and KNN Comparison Of Machine Learning Algorithms For Heart Rate Variability Based Driver Drowsiness Detection Early Sepsis Detection using Machine Learning and Neural Networks	5.45 PM 6.00 PM lockcha Start time 8.45 AM 9.01 AM 9.16 AM 9.46 AM 10.01 AM	6.00 PM 6.15 PM in / IOT 9.00 AM 9.15 AM 9.30 AM 9.45 AM 10.00 AM 10.15 AM	/ Signal & Image Processing Online Meeting ID Meeting ID : https://meet.google.com/oqj-vgbz-hca Session coordinator: Mr. Mahesh M R Session Chair :

_		Time: 1:45 PM- 4.00 PM	TRACK- D2: Computational Intelligence / B	ockchai	n / IOT /	Signal & Image Processing
r.No.	Paper	Corresponding Author Name	# Paper Title	Start	End	Online Meeting ID
1	1D 901	BS, Shreyas*; MG, Shashank; S, Abhaay; Kalambur,	Effect of Garbage Collection on Streaming Big Data Workloads	time 1.45 PM	2.00 PM	· · · · · · · · · · · · · · · · · · ·
2	905	Subramaniam Johnson, Nobin Jaison*; Yerramilli, Nithin Sameer; Y,	College Exam Allocation Using MongoDB and Python3	2.01 PM	2.15 PM	Meeting ID :
3	918	Omsri Sainadh Reddy Harris, Preethi*	Fake Instagram Profile Identification and Classification using Machine Learning	2.16 PM	2.30 PM	http://www.tenantica.com/data-size-and
4	926	Singh, Soni*	A accurate of the second secon	2.31 PM	2.45 PM	https://meet.google.com/rte-aias-ysd
						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 Navya, K T*; Prasad, Keerthana; Singh, Brij Mohan	Edge Enhancement for Image Super-Resolution using Deep Learning Approach Classification of blood cells into white blood cells and red blood cells from blood smear	3.01 PM	3.15 PM	
7	939	Kumar SHETH, PRIYAM A*; Sanjeev, Soumya ; Lad, Abhi	images using machine learning techniques Energy Aware IoT based Green Smart University With Automated Lighting and CCTV	3.16 PM	3.30 PM	Session Chair :
8	950	N; Solanki , Yash	System using MQTT and MySQL Using Artificial Intelligence and Mathematical Modeling for Advancement of Gold	3.31 PM	3.45 PM	Dr.Bhuvaneshwari P
9	954	Kaur, Bobbinpreet*; kaur, Kiranjeet	Nanotechnology in Therapeutic Biophysics	3.45 PM	4.00 PM	
		Time: 4.00 PM- 6.15 PM	TRACK- D3: Computational Intelligence / B			Signal & Image Processing
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	
2	984	Metre, Vishakha A*	Research opportunities for the detection and classification of plant leaf diseases	4.15 PM	4.30 PM	Meeting ID :
		Kadakia, Rahil; Kalkotwar, Parth G*; Jhaveri, Pruthav;	Comparative Analysis of Micro Expression Recognition using Deep Learning and			http://moot.google.com/abs.mfg.miy
3	997	Patanwadia, Rahul R; Srivastava, Kriti	Transfer Learning	4.30 PM	4.45 PM	http://meet.google.com/chs-ryfg-miy
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 Technique	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	Service Chains
7	1006	Uniyal, Alankar; Patel, Ayush; Dhanare, Ritesh*	Parkinson's Disease Predictor via Voice Analysis	5.30 PM	5.45 PM	Session Chair :
8	1008	Desai, Bhagyesh*; KAPOOR, NITIKA	Hybrid Classification Approach for Software Defect Prediction with Feature Reduction and Clustering	5.45 PM	6.00 PM	Dr. Aditya Shastri
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 AN	TRACK- E1: Computational Intelligence /	Blockcha	in / IOT	/ Signal & Image Processing
	Papar			Start	End	,
No.	Paper ID	Corresponding Author Name	# Paper Title	time	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	
3	1021	Sharma, Sourav; Choudhary, Vatsal ; Kothari, Sarthak ; Choudhury, Amitava*	Customized Human Mask-Face Recognition using Computer Vision	9.16 AM	9.30 AM	https://meet.google.com/mzb-avep-kof
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		Mondal, Asif Ikbal; Mandal, Bijoy Kumar; Choudhury,				
0	1025		Cryptosystem using Facial Landmark for Authentication, Pairing and Key Generation in Bluetooth Security	10.01 AM	10.15 AM	
	1025	Amitava* Kaunchi, Pooja Channappa*	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long	10.01 AM 10.16 AM	10.15 AM 10.30 AM	Session Chair :
6 7 8		Amitava*	Bluetooth Security			Session Chair : Dr.K.Saraswathi
7	1026	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi*	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network	10.16 AM 10.301AM	10.30 AM 10.45 AM	Dr.K.Saraswathi
7	1026 1028	Amitava* Kaunchi, Pooja Channappa*	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory	10.16 AM 10.301AM lockchai	10.30 AM 10.45 AM n / IOT /	Dr.K.Saraswathi
7 8	1026	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi*	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematkal Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title	10.16 AM 10.301AM	10.30 AM 10.45 AM	Dr.K.Saraswathi
7 8 .No.	1026 1028	Amitava* Kaunchi. Pooja Channappa* Tank, Kanchi* Time: 1:45 PM- 4.00 PM	Bluetootti Security Future Sales Frediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B	10.16 AM 10.301AM lockchai	10.30 AM 10.45 AM n / IOT / End	Dr.K.Saraswathi Signal & Image Processing
7 8 . No. 1	1026 1028 Paper ID	Amitava* Kaunchi. Pooja Channappa* Tank, Kanchi* Time: 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms. Singhal, Mayank*; Agarwal, Ritu	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep	10.16 AM 10.301AM Iockchai Start time	10.30 AM 10.45 AM n / IOT / End Time	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID :
7 8 . No. 1 2	1026 1028 Paper 1D 1039	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms.	Bluetootti Security Flutter Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning	10.16 AM 10.301AM Iockchai Start time 1.45 PM	10.30 AM 10.45 AM n / IOT / End Time 2.00 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID
7 8 .No. 1 2 3	1026 1028 Paper 1D 1039 1040	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms. Singhal, Mayank*; Agarwal, Ritu P, Ushashree': Sampath, Krishna; Patil, Prasad; M J,	Bluetootti Security Flutter Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review	10.16 AM 10.301AM Iockchai Start time 1.45 PM 2.01 PM	10.30 AM 10.45 AM n / IOT / End Time 2.00 PM 2.15 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID :
7 8 No. 1 2 3 4	1026 1028 Paper 1D 1039 1040 1049	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krishna; Patil, Prasad; M J, Karthik; MJ, Golwan V, Sowmya*; N, Kayarvizhy Deshpande, Nitinkumar S*; Mistri, Neha; Vadinkar, Rahul W, Panare, Rahul	Bluetooth Security Fluture Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellancous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM	10.16 AM 10.301AM IOCKChai Start time 1.45 PM 2.01 PM 2.16 PM	10.30 AM 10.45 AM n / IOT / End Time 2.00 PM 2.15 PM 2.30 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize
7 8 No. 1 2 3 4 5	1026 1028 Paper 1D 1039 1040 1049	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krishna; Patil, Prasad; M J, Karthik, MJ, Joshwan V, Sowmya*; N, Kayarizhy Deshpande, Niinkumar S*; Mistri, Neha; Vadinkar,	Bluetooth Security Flutter Selse Frediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic	10.16 AM 10.301AM IOCKChai OCKChai Start time 1.45 PM 2.01 PM 2.16 PM 2.31 PM	10.30 AM 10.45 AM n / IOT / End Time 2.00 PM 2.15 PM 2.30 PM 2.45 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V
7 8 No. 1 2 3 4 5 6	1026 1028 Paper 1D 1039 1040 1040 1050 1053	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms. Singhal, Mayank*; Agarwal, Ritu P, Ushashree*; Sampath, Krishna; Patil, Prasad; M.J, Karthik, MJ, Joshwan V, Sowmya*; N, Kayarvizhy Deshpande, Nitinkumar S*; Mistri, Neha; Vadinkar, ReBBA, YAGNA SAI KALIYAN K; Gujia, Shashank ReBBA, YAGNA SAI KALIYAN K; Gujia, Shashank Rao, Siripali, Satyanarayana Teja; Shoaib, Molammed; Kadaii,	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinoputly Screening	10.16 AM 10.301AM 10.CKChai 10.CKChai 1.45 PM 2.01 PM 2.01 PM 2.31 PM 2.45 PM 3.01 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM End 2.00 PM 2.30 PM 2.45 PM 3.00 PM 3.15 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefy-ize Session coordinator:
7 8 .No. 1 2 3 4 5 6 7	1026 1028 Paper 1D 1039 1040 1049 1050 1053 1055	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms. Singhal, Mayank*; Agarwal, Ritu P, Ushashree*; Sampath, Krishna; Patil, Prasad; M J, Karthik; MJ, Joshvan V, Sowmya*; N, Kayarvizhy Deshpande, Nitinkumar S*; Mistri, Neha; Vadinkar, Rahul W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Guija, Shashank Rao; Siripali, Satyanarayama Teja; Shoaih, Mohammed ; Kadali, Paramkusham, Spandana*	Bluetooti Security Bluetooti Security Bhort Selser Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Serening Malignant melenoma and Atypical Nevus classification using machine learning with diape and assymetric features	10.16 AM 10.301AM 10.301AM 10.500000 1.45 PM 2.01 PM 2.16 PM 2.31 PM 2.31 PM 2.45 PM 3.01 PM 3.01 PM	10.30 AM 10.45 AM 10.45 AM End 2.00 PM 2.30 PM 2.30 PM 3.00 PM 3.15 PM 3.30 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V
7 8 .No. 1 2 3 4 5 6 7 8	1026 1028 Paper 1039 1040 1049 1050 1053 1055 1059	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krishna, Patil, Prasad; M J, Karthik, MJ, Joahvan V, Sownya*; N, Kayarvizhy Deshpande, Nitinkumar S*; Mstri, Neha; Vadinkar, Rabul W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Guija, Shashank Rao, Siripali, Sayanarayana Teja; Shoaih, Mohammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani	Bluetooti Security Bluetooti Security Donline Handwritten Mathematical Expression Solver Using Artificial Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Reinopathy Screening Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants	10.16 AM 10.301AM 10.301AM 10.301AM 10.301AM 1.45 PM 2.01 PM 2.16 PM 2.31 PM 2.45 PM 3.01 PM 3.01 PM 3.31 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.30 PM 2.30 PM 2.45 PM 3.00 PM 3.15 PM 3.30 PM 3.45 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair :
7 8 No. 1 2 3 4 5	1026 1028 Paper 1D 1039 1040 1049 1050 1053 1055	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krishna; Patil, Prasad; M J, Karthik, MJ, Joshwan V, Sowmya*; N, Kayarizhy Deshpande, Nitinkumar S*; Matri, Neha; Vadinkar, Rabul W; Pansare, Rahul REBBA, YAGNA SMI KAIYAN KC (süjia, Shashank Rabul W; Pansare, Rahul Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani Kaur, Manjot	Bluetoolti Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol	10.16 AM 10.301AM 10.301AM 10.301AM 10.301AM 1.45 PM 2.16 PM 2.45 PM 3.01 PM 3.16 PM 3.31 PM 3.31 PM 3.345 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.30 PM 2.30 PM 2.45 PM 3.00 PM 3.15 PM 3.39 PM 3.345 PM 4.00 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H.
7 8 .No. 1 2 3 4 5 6 7 8	1026 1028 Paper 1039 1040 1049 1050 1053 1055 1059	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krishna, Patil, Prasad; M J, Karthik, MJ, Joahvan V, Sownya*; N, Kayarvizhy Deshpande, Nitinkumar S*; Mstri, Neha; Vadinkar, Rabul W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Guija, Shashank Rao, Siripali, Sayanarayana Teja; Shoaih, Mohammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani	Bluetoolt Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Screening Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffice Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol	10.16 AM 10.301AM 10.301AM 10.45 PM 2.01 PM 2.16 PM 2.31 PM 2.45 PM 3.01 PM 3.16 PM 3.31 PM 3.31 PM 3.45 PM 3.45 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.30 PM 2.30 PM 2.30 PM 3.30 PM 3.30 PM 3.30 PM 3.345 PM 4.00 PM 2.00 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation
7 8 .No. 1 2 3 4 5 6 7 8 8 9	1026 1028 Paper 1039 1040 1049 1050 1053 1055 1059	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*; Rishu, Ms. Singhal, Mayank*; Agarwal, Riu P, Ushashree*, Sampath, Krihmer, Patil, Prasad; M J, Karthik: MJ, Joshwan V, Sowmya*; N, Kayarvizhy Deshpande, Nitinkurmar S*; Mistri, Neha; Vadinkar, Rabal W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Gujia, Shashank Rao, Siripati, Satyanarayana Teja; Shoaib, Mohammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani Kaur, Manjot Time : 4.00 F	Bluetoolt Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellancous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Secreming Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol Maters Part State State State State State State State States States Maters Dates States States States States States States States Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol	10.16 AM 10.301AM 10.301AM 10.301AM 10.301AM 1.45 PM 2.16 PM 2.45 PM 3.01 PM 3.16 PM 3.31 PM 3.45 PM 3.45 PM 3.45 PM 3.45 PM 3.45 PM 3.45 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.15 PM 2.30 PM 2.45 PM 3.30 PM 3.30 PM 3.30 PM 3.45 PM 4.00 PM 5.15 PM 1.15 PM 1	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation
7 8 No. 1 2 3 4 5 6 7 8 9 No.	1026 1028 Paper 1039 1040 1050 1055 1056 1057 552 577 Paper	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*, Rishu, Ms. Singhal, Mayank*, Agarwal, Ritu P, Ushashree*, Sampath, Krihuer, Patil, Prasad; M J, Karthik; MJ, Joshwan V, Sowmya*, N, Kayarvizhy Deshpande, Nitikumar S*, Matri, Neha; Ivadinkar, Rabal W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Guja, Shashank Rao, Siripali, Sayaanaryama Teja; Shoaih, Molammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani Kaur, Manjot Corresponding Author Name Prakash, Indra M*; Klikic, Damir, Prabhakaran, Navya; G, Jagadanané PULAKHANDAN,	Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTCATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIGT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Secreting Malignant melenoma and Applical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol M- 6.15 PM TRACK- E3: Antennas & Propog and Automation/ Power Electronic	10.16 AM 10.301AM IOCKChai Start time 1.45 PM 2.01 PM 2.16 PM 2.31 PM 2.45 PM 3.01 PM 3.01 PM 3.31 PM 3.31 PM 3.45 PM ation, CC 5 / Signal	10.30 AM 10.45 AM 10.45 AM End Time 2.00 PM 2.15 PM 3.00 PM 3.15 PM 3.30 PM 3.30 PM 3.45 PM 4.00 PM Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution Solution	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID Meeting ID http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation e Processing
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7 8 1 2 3 3 4 5 5 6 6 7 8 8 9 9 No. 1 1 2	1026 1028 Paper 1030 1030 1040 1050	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*, Rishu, Ms. Singhal, Mayank*, Agarwal, Riu P, Ushashre*, Sampath, Krihnen: Patil, Prasad; M J, Karthik: MJ, Joshwan V, Sowmya*, N, Kayarvizhy Deshpande, Nitinkumar S*, Mistri, Neha; Vadinkar, Rabal W, Pansare, Rahul REBBA, YAGNA SAI KALYAN K. (Guja, Shashank Rao, Siripati, Satyanarayana Feja; Shoaib, Mohammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *, Rana, Ashwani Kaur, Manjot Corresponding Author Name Prakash, Indra M*, Klikic, Damir, Prabhakaran, Navya; G, Jagadanaf, PULAKHANDAM, VENKATESH Hiremath, Mrutyunjaya S*, H. S, Nagamani	Bluetooth Security Bluetooth Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B <i># Paper Title</i> A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellancous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIOT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Secreming Malignant melenoma and Atypical Neurs classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol MI - 6.15 PM TRACK- E3: Antennas & Propog and Automation/ Power Electronic <i># Paper Title</i> Decoupled Layout Approach for Paralleling GaN Devices in Half Bridge Inverters Leaf Region Segmentation for Plant Leaf Disease Detection using Color Conversion and Flood Filling	10.16 AM 10.301AM 10.301AM 10.502AC 1.45 PM 2.01 PM 2.01 PM 2.01 PM 2.01 PM 2.31 PM 2.45 PM 3.01 PM 3.16 PM 3.16 PM 3.17 PM 3.18 PM 3.19 PM 3.10 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.15 PM 2.30 PM 3.00 PM 3.15 PM 3.30 PM 3.30 PM 3.45 PM 4.00 PM 4.15 PM 4.15 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation e Processing
7 8 .No. 1 2 3 4 5 6 7 8 8 9 9 .No. 1 2	1026 1028 Paper 103 1039 1040 1050 1053 1056 1059 552 577 Paper 1059 9	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kuma*; Rishu, Ms. Singhal, Mayank*; Agarwal, Ritu P, Ushashere*; Sampath, Krishner, Patil, Prasad; M J, Karthik; MJ, Joshwan V, Sowmya*; N, Kayarvidy) Deshpande, Nitnikumar 92*; Mistri, Neha; Vadinkar, Rahul W; Pansare, Rahul REBBA, YAGNA SAI KALYAN K; Gujia, Shashank Rao, Siripali, Satyanarayana Teja; Shoaih, Mohammed ; Kadali, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani Kaur, Manjot Time : 4.000 F Corresponding Author Name Prakash, Indra Me*; Klikic, Damir, Prabhakaran, Nava; G, Jagadanaf; PULAKIANDAM, VENKATESH	Bluetodi Security Bluetodi Security Dorline Handwritten Mathematical Expression Solver Using Artificial Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B <i>#</i> Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellaneous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIOT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Screening Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol M- 6.15 PM TRACK- E3: Antennas & Propog and Automation/ Power Electronic <i>#</i> Paper Title Decoupled Layout Approach for Paralleling GaN Devices in Half Bridge Inverters Leaf Region Segmentation for Plant Leaf Disease Detection using Color Conversion and Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer	10.16 AM 10.301AM 10.301AM 10.301AM 10.301AM 1.45 PM 2.01 PM 2.16 PM 2.16 PM 2.31 PM 3.01 PM 3.01 PM 3.16 PM 3.16 PM 3.17 PM 3.16 PM 3.18 PM 3.18 PM 3.19 PM 3.19 PM 3.19 PM 3.19 PM 3.19 PM 3.10 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.15 PM 2.30 PM 2.45 PM 3.00 PM 3.15 PM 3.30 PM 3.45 PM 4.00 PM 9.00 P	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation Processing Online Meeting ID Meeting ID :
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7 8 8 1 1 2 3 4 5 6 7 8 9 9 1 1 2 3 1 2 3	1026 1028 1029 1039 1039 1040 1050 1055 1056 1057 552 577 9 37 47 67	Amitava* Kaunchi, Pooja Channappa* Tank, Kanchi* Time : 1:45 PM- 4.00 PM Corresponding Author Name Sinha, Vijay Kumar*; Rishu, Ms. Singhal, Mayank *; Agarwal, Ritu P, Ushashree *, Sampath, Krishna; Patil, Prasad; M J, Karthik, MJ, Joshwan V, Sownya*; N, Kayarvizhy Deshpande, Nitinkumar \$?; Nistri, Ncha; Yadinkar, Rahul W; Pansare, Rahul REBBA, YACMA SAI KALYAN, K; Guija, Shashank Rao; Siripali, Satyanarayana Teja; Shoaih, Mohammed ; Kadui, Paramkusham, Spandana* Dutta, Lakshay *; Rana, Ashwani Kaur, Manjot Time : 4.00 F Corresponding Author Name Prakash, Indh M*; Kiki, Chaiir, Parbakaran, Navya; G, Jagadanad; PULAKIANDAM, VENKATESH Hiremath, Mutyunjaya \$*; H. S, Nagamani SAHA, SANJOY KUMAR*; BISWAS, SOUMEN SUGUNA, NAINERI*	Bluetoolt Security Bluetoolt Security Future Sales Prediction For Indian Products Using Convolutional Neural Network-Long Short Term Memory Online Handwritten Mathematical Expression Solver Using Artificial Neural Network TRACK- E2: Computational Intelligence / B # Paper Title A Feature Based Fitness Cautionary System for Heavy Internet Users by using Deep Learning Generative Adversarial Networks and their Miscellancous Applications: A Review AUTHENTICATED WEB BASED VOTING SYSTEM An Efficient Missing Data Imputation Model on Numerical Data Implementing IIoT Applications in Electrical Instrumentation Sector Deep Learning Methods for the Assessment of Vascular Diameters for Diabetic Retinopathy Secreming Malignant melenoma and Atypical Nevus classification using machine learning with shape and assymetric features Disease Detection Using Transfer Learning In Coffee Plants Wireless Body Area Network: Performance Analysis of Polling Access MAC Protocol M-6.15 PM TRACK- E3: Antennas & Propoge and Automation/ Power Electronic # Paper Title Decoupled Layout Approach for Paralleling GaN Devices in Half Bridge Inverters Leaf Region Segmentation for Plant Leaf Disease Detection using Color Conversion and Flood Filling Fuzzy Logic and PI Controller Implementation on Dynamic Voltage Restorer Bandwidth Enhancement of Compact Printed Super Wide Band Antenna with Space Filling Stots for Microwave Applications	10.16 AM 10.301AM 10.301AM 10.301AM 10.301AM 1.45 PM 2.01 PM 2.01 PM 2.01 PM 2.31 PM 2.45 PM 3.01 PM 3.16 PM 3.319 M 3.45 PM 3.45 PM 4.00 PM 4.15 PM 4.30 PM 4.45 PM	10.30 AM 10.45 AM 10.45 AM 10.45 AM 10.45 AM 2.00 PM 2.15 PM 2.30 PM 2.30 PM 3.30 PM 3.30 PM 3.30 PM 3.30 PM 3.45 PM 4.00 PM 3.45 PM 4.30 PM 4.30 PM 4.30 PM 4.30 PM 5.00 PM	Dr.K.Saraswathi Signal & Image Processing Online Meeting ID Meeting ID : http://meet.google.com/oan-aefv-ize Session coordinator: Mr. Muthuraju V Session Chair : Dr. SAROJADEVI H. strumentation e Processing Online Meeting ID Meeting ID : https://meet.google.com/njg-zetg-wdg
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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 $\frac{1}{2}$ 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 Soumen Biswas Department Electrical Engineering Dr B C Roy Engineering College , Durgapur soumen.biswas@bcrec.ac.in

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.

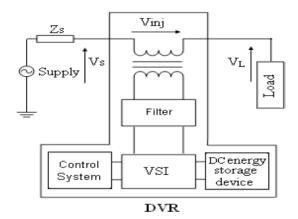


Fig. 1. General Configuration of DVR

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