



GCAIA 2020

1st Global Conference on Artificial Intelligence and Applications

SEPTEMBER 8-10, 2020
VIRTUAL CONFERENCE



Tentative Program Schedule of GCAIA 2020

Day Date	Event Details	Time
8 th September 2020	INAUGURAL SPEECH BY PROF. (DR.) SATYAJIT CHAKRABARTI (CHANCELLOR, UNIVERSITY OF ENGINEERING & MANAGEMENT, Website: http://uem.edu.in) Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	9:30 AM-9:45AM
8 th September 2020	SPEECH BY PROF. (DR.) SATYAJIT CHAKRABARTI(DIRECTOR, INSTITUTE OF ENGINEERING & MANAGEMENT, Website: http://iem.edu.in) Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	9:40 AM-9:55AM
8 th September 2020	SPEECH BY PROF. (DR.) BISWAJOY CHATTERJEE(VICE CHANCELLOR, UNIVERSITY OF ENGINEERING & MANAGEMENT, Website: http://uem.edu.in) Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	9:55AM-10:00AM
8 th September 2020	Corporate Keynote 1: 'Exploring the contours of Explainable AI' by Dr.Srinivas Padmanabhuni Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	10:00AM-10:30AM
8 th September 2020	Research Keynote 1: Deep Learning For Medical Applications by Prof. (Dr.) Kuldeep Singh Malviya Nagar National Institute of Technology, Jaipur, India Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	10:30AM-11:00AM
8 th September 2020	Research Keynote 2: 'Spectrum handoff in cognitive radio networks' by Prof. (Dr.) Arun Prakash Motilal Nehru National Institute of Technology, Allahabad, India Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	11:00AM-11:30AM
8 th September 2020	Research Keynote 3: 'AI techniques and optimization' by Prof. (Dr.) D.P.Kothari Chairman, Board of Governors, THDC Institute of Hydropower Engineering and Technology, Tehri, Uttarakhand, India	11:30AM-12:00PM



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8 th September 2020	Corporate Keynote 2: 'Ambient intelligence-Myth/Reality-Are we ready for hyper scaling' by Mr.Ankit Saran Managing Director, Consulting – AI – Data & Analytics Leader (US India) Meeting Link:- https://meet.google.com/pxq-cuzg-pyi	12:00PM-12:30PM																											
8 th September 2020	LUNCH BREAK	12:30PM-01:30PM																											
8 th September 2020	<p style="text-align: center;">Session-1</p> <p>Session Chairs:-</p> <ol style="list-style-type: none"> 1.Prof.(Dr).Vishal Kumar Pandey 2. Prof.(Dr). Anurag Hamilton 3.Prof.(Dr).Baishaki Das <p>Meeting Link:- https://meet.google.com/dar-mpua-tgf</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Paper id</th> <th>Author Name</th> <th>Paper Title</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>Tapas Si and Amit Mukhopadhyay</td> <td>Breast DCE-MRI Segmentation for Lesion Detection using Clustering with Fireworks Algorithm</td> </tr> <tr> <td>18</td> <td>Aditi and Aman Dureja</td> <td>A review on image classification and object detection using deep learning.</td> </tr> <tr> <td>33</td> <td>Jyoti Khandelwal and Vijay Kumar Sharma</td> <td>An Analysis to Understand Various Image Steganography Techniques</td> </tr> <tr> <td>52</td> <td>Madhura Shankarpure and Deepa Abin</td> <td>Real time Frame to Frame Jitter Removing Video Stabilization Technique</td> </tr> <tr> <td>75</td> <td>Sudarshan Chawathe</td> <td>Characterizing Shoulder Implants in X-Ray Images</td> </tr> <tr> <td>93</td> <td>Dr G Uma Devi</td> <td>Tongue Image Segmentation To Extract Factors For Diagnosing Tongue Diseases</td> </tr> <tr> <td>105</td> <td>Gangadevi Ganesan and Dr.Jayakumar C</td> <td>Study on Plant Disease Detection using Different Classifiers in Image Processing Techniques</td> </tr> <tr> <td>167</td> <td>Shrinivas Shirkande and Madhukar Lengare</td> <td>A System Design for combined approach of WCID and Wavelet Transformation to</td> </tr> </tbody> </table>	Paper id	Author Name	Paper Title	10	Tapas Si and Amit Mukhopadhyay	Breast DCE-MRI Segmentation for Lesion Detection using Clustering with Fireworks Algorithm	18	Aditi and Aman Dureja	A review on image classification and object detection using deep learning.	33	Jyoti Khandelwal and Vijay Kumar Sharma	An Analysis to Understand Various Image Steganography Techniques	52	Madhura Shankarpure and Deepa Abin	Real time Frame to Frame Jitter Removing Video Stabilization Technique	75	Sudarshan Chawathe	Characterizing Shoulder Implants in X-Ray Images	93	Dr G Uma Devi	Tongue Image Segmentation To Extract Factors For Diagnosing Tongue Diseases	105	Gangadevi Ganesan and Dr.Jayakumar C	Study on Plant Disease Detection using Different Classifiers in Image Processing Techniques	167	Shrinivas Shirkande and Madhukar Lengare	A System Design for combined approach of WCID and Wavelet Transformation to	01:30PM-5:00PM
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8 th September 2020	<p style="text-align: center;"><u>Session-2</u></p> <p><u>Session Chairs:-</u> 1.Prof. Souvik Saha 2. Prof.Indranil Basu</p> <p><u>Meeting Link:-</u> https://meet.google.com/hit-zexk-tag?hs=122&authuser=1</p> <table border="1"> <thead> <tr> <th>Paper id</th> <th>Author Name</th> <th>Paper Title</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>Jayri Bagchi and Tapas Si</td> <td>Nonlinear Regression Analysis Using Multi-Verse Optimizer</td> </tr> <tr> <td>14</td> <td>Vishal Raj and Mahendra Kumar Murmu</td> <td>An Extended ACO-Based Routing Algorithm For Cognitive Radio Network</td> </tr> <tr> <td>21</td> <td>John Bosco P and Dr.Janakiraman</td> <td>Content based image retrieval: Hybrid of color features using the triad color Algorithm</td> </tr> <tr> <td>31</td> <td>Dr. Bhargav Goradiya, Yagnik Mehta, Nisarg Patel, Neel Macwan and Vatsal Shah</td> <td>Smart Approach to Optical Character Recognition and Ubiquitous Speech Synthesis using Real-Time Deep Learning Algorithms</td> </tr> <tr> <td>43</td> <td>Ashish Kumar Singh, Suramya Prakash, Saurabh Kumar, Bikash Ghosh, Priyodarshini Roy and Sauvik Bal</td> <td>A Study on Different Algorithms of Sentiment Analysis to Predict User Interest</td> </tr> <tr> <td>50</td> <td>Jitesh Jangid, Aishwarya Mehta, Akash Saxena, Dr. Shalini Shekhawat, Rajesh Kumar and Ajay Sharma</td> <td>Transmission Expansion Planning using Teaching and Learning Based Optimization Approach</td> </tr> <tr> <td>57</td> <td>Akalpita Das, Himanish Shekhar Das, Anupal Neog, B. Bharat Reddy and Mrinay Swargiary</td> <td>Performance analysis of different machine learning classifiers in detection of Parkinson's disease from hand-drawn images using Histogram of oriented Gradients</td> </tr> <tr> <td>63</td> <td>Malvika Gupta and Payal Malik</td> <td>The Prediction of Coronavirus using the Logistic Regression Technique of Machine Learning</td> </tr> </tbody> </table>		Paper id	Author Name	Paper Title	13	Jayri Bagchi and Tapas Si	Nonlinear Regression Analysis Using Multi-Verse Optimizer	14	Vishal Raj and Mahendra Kumar Murmu	An Extended ACO-Based Routing Algorithm For Cognitive Radio Network	21	John Bosco P and Dr.Janakiraman	Content based image retrieval: Hybrid of color features using the triad color Algorithm	31	Dr. Bhargav Goradiya, Yagnik Mehta, Nisarg Patel, Neel Macwan and Vatsal Shah	Smart Approach to Optical Character Recognition and Ubiquitous Speech Synthesis using Real-Time Deep Learning Algorithms	43	Ashish Kumar Singh, Suramya Prakash, Saurabh Kumar, Bikash Ghosh, Priyodarshini Roy and Sauvik Bal	A Study on Different Algorithms of Sentiment Analysis to Predict User Interest	50	Jitesh Jangid, Aishwarya Mehta, Akash Saxena, Dr. Shalini Shekhawat, Rajesh Kumar and Ajay Sharma	Transmission Expansion Planning using Teaching and Learning Based Optimization Approach	57	Akalpita Das, Himanish Shekhar Das, Anupal Neog, B. Bharat Reddy and Mrinay Swargiary	Performance analysis of different machine learning classifiers in detection of Parkinson's disease from hand-drawn images using Histogram of oriented Gradients	63	Malvika Gupta and Payal Malik	The Prediction of Coronavirus using the Logistic Regression Technique of Machine Learning	01:30PM-5:00PM
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<p>8th September 2020</p>	<p style="text-align: center;"><u>Session-4</u></p> <p><u>Session Chairs:-</u></p> <ol style="list-style-type: none"> 1.Prof.(Dr.).Prashant Ranjan 2.Prof.(Dr).Pradeep Kumar Sharma 3.Prof.Anupam Mondal <p><u>Meeting Link:-</u></p> <p>https://meet.google.com/ush-dvfm-sqw</p> <table border="1"> <thead> <tr> <th>Paper id</th> <th>Author Name</th> <th>Paper Title</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>Asna Akhtar, Ankit Kumar Sharma, Abhishek Kumar Gupta and Vivek Kumar Jain</td> <td>Application of Supervised learning for Voltage Stability Assessment</td> </tr> <tr> <td>112</td> <td>Prerona Saha, Soham Guhathakurata, Sayak Saha, Arpita Chakraborty and Jyoti Sekhar Banerjee</td> <td>Application of Machine Learning in App-Based Cab Booking System: A Survey on Indian Scenario</td> </tr> </tbody> </table>	Paper id	Author Name	Paper Title	9	Asna Akhtar, Ankit Kumar Sharma, Abhishek Kumar Gupta and Vivek Kumar Jain	Application of Supervised learning for Voltage Stability Assessment	112	Prerona Saha, Soham Guhathakurata, Sayak Saha, Arpita Chakraborty and Jyoti Sekhar Banerjee	Application of Machine Learning in App-Based Cab Booking System: A Survey on Indian Scenario	<p>01:30PM-5:00PM</p>															
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8 th September 2020	115	Anjana K V and Siddhaling Urolagin	Churn prediction in Telecom Industry using Machine Learning Algorithms with K-Best and Principal Component Analysis	01:30PM-5:00PM
	116	Shalini Shekhawat, Akash Saxena, Arvind kumar Dwivedi and Rajesh Kumar	A Hybrid Forecasting Model Based on Equilibrium Optimizer and Artificial Neural Network for Assessment of PM10 Concentration	
	117	Rupam Bhattacharya, Abhijit Sarkar and Pranab Roy	An Intelligent Path Estimation Technique for Transportation of Heterogeneous Droplets in Digital Micro Fluidic Biochips (DMFB)	
	118	Dushyant Dubey and Jyoti Khandelwal	Review on Collaboration and Coordination Between NPU, Artificial Neural Network & Deep Learning	
	119	Syed Sumera Ali	MLP-WOA Neural Network Based Automated Grading of Fruits & Vegetable Quality Detection for Food Industry using Artificial Intelligence Techniques (Computer Vision - Image Recognition)	
	164	Anas Al Suwailem, Mousa Al-Akhras and Kareem A.Ghany	Evaluating Snort Alerts as a Classification Features Set	
	179	Nirban Chakraborty, Rehan Aziz and Raubins Kumar	Electricity bill saving using solar rooftop PV cell for a residential complex- A case study	
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9 th September 2020	Research Keynote 1: 'Swarm Programming' by Prof. (Dr.) Tapas Si Bankura Unnayani Institute of Engineering, West Bengal , India Meeting Link:- https://meet.google.com/ipj-kvfq-ky			09:30AM-10:00AM
9 th September 2020	Corporate Keynote 1: 'AI &ML journey and future of Data science' by Ms.Anjanita Das Associate Director – AI & Analytics (Digital Business – RCGTH & MLEU)Cognizant Meeting Link:- https://meet.google.com/ipj-kvfq-ky			10:00AM-10:30AM
9 th September 2020	Research Keynote 2: 'Feature extraction and fusion techniques for face recognition' by Prof. (Dr.) Aniruddha Dey Bankura Unnayani Institute of Engineering, West Bengal , India Meeting Link:- https://meet.google.com/ipj-kvfq-ky			10:30AM-11:00AM
Corporate Keynote 2:				



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9 th September 2020	<p>'Challenges and approaches in Designing AI based Conversational Systems' by Mr.Siva Sai N Senior Vice president-AI platform. Active Intelligence Pvt Ltd.</p> <p>Meeting Link:- https://meet.google.com/ipj-kvfq-kcy</p>	11:00AM-11:30AM						
9 th September 2020	<p>Corporate Keynote 3: 'AI to Further Programming, Versioning, Debugging, Automation and RPA' By Thomas Poetter CEO Compris Technologies AG</p> <p>Meeting Link:- https://meet.google.com/ipj-kvfq-kcy</p>	11:00AM-11:30AM						
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9 th September 2020	<p>Research Keynote 3: 'Mutual Authentication of nodes using Session token with finger print and MAC address validation' by Prof.Amit Kumar Bairwa Manipal University Jaipur, India</p> <p>Meeting Link:- http://meet.google.com/ipj-kvfq-kcy</p>	12:00PM-12:30PM						
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9 th September 2020	120	Brenden Carvalho and Siddhaling Urolagin	A Comparison of Sentiment Analysis techniques on Movie Reviews	01:30PM-5:00PM
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	143	Asha Shetty, Bryan Abreo, Adline D'Souza ,Akrsha Kondana and Kavitha Karimbi Mahesh	Video Description based YouTube Comment Classification	
	150	Abuzar Shaikh and Mahadev Patil	Simulation of Colour Image Processing Techniques on Verilog	
	151	Sonali Patil,Pallavi Dhade and Priyanka Ajetrao	Integrated Multi-biometric Template Security based On Hybridization of Feature Transformation and Image Transformation	
	26	Tapas Si	Kidney Lesion Segmentation in MRI Using Clustering with Salp swarm Algorithm.	
	155	Mona Al-Kharraz, Lamiaa Elrefaei and Mai Fadel	Classifying Chromosome Images Using Ensemble Convolutional Neural Networks	
	162	Dhwani Trivedi, Meha Dave, Rutvik Patel, Vatsa Dave and Ghansyam Rathod	Real-time Covid-19 Detection & Prediction using Chest X-rays and CT Scan: A Comparative Study Using AI	
	176	Mohassin Ahmad and Farida Khursheed	Digital Image Forgery Detection Approaches: A Review	
9 th September 2020	Session-2			01:30PM-5:00PM
Session Chairs:- 1. Prof.Surajit Sur 2. Prof.Umesh Gurnani 3. Prof.(Dr).Jyoti Sekhar Banerjee Meeting Link:- http://meet.google.com/bvm-zcfz-zzp				
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9 th September 2020	32	Antara Sarkar, Amna Rahman, Moumita Roy Choudhury, Nikki Niketa, Afaq Ahmad and Somen Nayak	The Capteur: IoT based device used for real-time scenario analyzing.	01:30PM-5:00PM
	54	Amrita Yadav and Seema Verma	A Review on Nature Inspired Algorithms for Routing in Flying Ad- hoc Networks	
	65	Udeshna Das and Nipan Kumar Das	Coal mine monitoring smart Rover using LabVIEW and Wireless Sensor Network	
	80	Loveleen Kaur and Dr. Rajbir Kaur	Comprehensive survey for energy efficient routing protocols on WSNs based IoT applications enhancing Fog computing paradigm	
	95	Shreyas J, Chethana Reddy, Dharamendra Chouhan, Udayaprasad P K, Srinidhi N N and Dilip Kumar S M	Bacteria Foraging Optimization Based Geographical Routing Scheme for IoT	
	99	Arshdeep Kaur and Loveleen Kaur	IoT based Alcohol Detection System for Small Organization	
	110	Payal Malik and Shweta Singh	Comparative study of IoT Protocols: RPL vs LIBP and its Thwarting Issues	
	111	Malvika Gupta and Shweta Singh	A Survey on the ZigBee Protocol, It's Security in Internet Of Things(IoT) and Comparison of ZigBee with Bluetooth and Wi-Fi	
	113	Shweta Singh and Payal Malik	Thwarting attacks using layered architecture and RPL static vs Mobility	
<u>Session-3</u>				
Session Chairs:-				
1. Prof. Riya Sen				
2. Prof. Sauvik Bal				



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9 th September 2020	3.Prof.Nilanjana Dutta Roy Meeting Link:- https://meet.google.com/rag-nfjy-nwy	01:30PM-5:00PM																		
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	174	Kirti Bala Bahekar	Comprehensive Analysis of Classification techniques Using Artificial immune system and Artificial Neural Network algorithms	
9 th September 2020	Session-4			01:30PM-5:00PM
	<p>Session Chairs:- 1. Prof.(Dr).Aniruddha Dey 2. Prof. Somen Nayak</p> <p>Meeting Link:- https://meet.google.com/bfq-rvmt-moq</p>			
	Paper id	Authors Name	Paper title	
	44	Greeshma Kurup, Krishna Kushal and Siddhaling Urolagin	Data Mining Techniques for Fraud Detection – Credit Card Frauds	
	59	Moksud Alam Mallik, Nurul Fariza Zulkurnain, Jamil Ahmed Sk and Mohammed Khaja Nizamuddin	A survey on parallel clustering techniques for big data framework	
	79	Anjum Zameer Bhat, Baldev Singh and Teba Fadhil	Role of Cloud Computing to Support Big Data and Big Data Analytics for Education par excellence	
9 th September 2020	84	Kavitha Karimbi Mahesh, Vaishnavi Naik, Sahana Angadi, Sandra Satish, Evita coelho and Suman Nayak	Mining Morphological Similarities for Translation Lexicon Augmentation	01:30PM-5:00PM
	90	Badrudeen Ahmed and Siddhaling Urolagin	Tourist Data Extraction And Development Of Data Warehouse For Statistical Analysis Using Pentaho Tools	
	160	Shiva Kumar C and Dr. Siddhaling Urolagin	Cognition of Using UnQL Querying in Context database with decision tree	
	36	Janhavi Kale and Manikrao Dhore	Secure Data Storage Management with De-Duplication in Cloud Computing	
END OF DAY 2				
	Session-1			
	<p>Session Chairs:- 1. Prof.(Dr).Vishal Kumar Pandey 2. Prof.(Dr). Anurag Hamilton</p>			



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	Paper id	Author Name		Paper Title
	39	Tapas Si and Debolina Bhattacharya		Sine Cosine Algorithm with Centroid Opposition-based Computation
	47	Akash Saxena, Shalini Shekhawat, Ajay Sharma, Harish Sharma and Rajesh Kumar		Performance Evaluation of β Chaotic Map Enabled Grey Wolf Optimizer on Protein Structure Prediction
	51	Aishwarya Mehta, Jitesh Jangid, Akash Saxena, Dr. Shalini Shekhawat and Rajesh Kumar		Harmonic Estimator Design using Teaching Learning Based Optimization
	158	Anjali Agrawal		Economic benefit of Wind Energy Source for Congestion mitigation with Salp Swarm Algorithm in Deregulated Power market
	161	Sayantana Dass, Sujoy Mistry, Pradyut Sarkar and Pradip Paik		Informative Gene Identification for Cancer Classification using Gene Expression Data
	163	Monalisa Dey, Anupam Mondal and Darothi Sarkar		Heart Disease Prediction – An Online Consultation Software
	169	Aditya Mallik and Dipta Mukherjee		A Message Encryption Technology Using Matrix
	177	Shital Gondaliya and Kiran Amin		A Framework based on Latent Neighbourhood and Tensor based method for Recommender System
	178	Ankit Kumar Sharma, Akash Saxena, Dheeraj Kumar Palwalia and Bhanu Pratap Soni		An Optimal Demand Response Strategy Using Grey Wolf Optimization
180	Soham Bose and Arindam Chakraborty	Low Cost Iot Based Runaway Syndrome Tracking System		
11	Tapas Si	Swarm Programming Using Moth-Flame Optimization and Whale Optimization Algorithms		
10 th September 2020	Session-2		09:30AM-01:00 PM	
	Session Chairs:- 1. Prof.(Dr.).Prashant Ranjan 2. Prof.(Dr).Pradeep Kumar Sharma			
	Meeting Link:- https://meet.google.com/ush-dvfm-sqw			
	Paper id	Author Name	Paper Title	



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10 th September 2020	64	Payal Malik and Malvika Gupta	Relationship between Independent and Dependent Variables and Calculating the Accuracy of Predicted and Actual Values using Linear Regression Method of Machine Learning	09:30AM-01:00 PM
	69	Lavina Kunder and Siddhaling Urolagin	Behavioral Analysis Using Gamification and Data Visualization	
	67	Sharmiladevi S, Siva Sathya S and Nangi Ramesh	A survey on Spatiotemporal Co-occurrence pattern mining techniques	
	71	Neetesh Singh Bhati, Puneet Agarwal and Siddhaling Urolagin	Machine Learning Approach to Intrusion Detection System	
	78	Asma Parveen, Dr. Vani R. M., Dr. P.V. Hunagund and Maisoun Ali Soharwardy	Classification of ECG Arrhythmia using Different Machine learning Approach	
	81	Aikendrajit Ningthoujam and Dr R K Sharma	A Review on Applications of Machine Learning in Health Care	
	85	Arshad Quamar Khan, Deepak Sharma and S. Kanagaraj	Experimental Studies on Various Supervised Learning Techniques for Detection of Parkinson Disease Using Gait Data	
	97	Naveen Vakada, Anvitha Nekkhalpu, Prudhvi Sriharsha Gopiseti and Sailaja Karri	Face Expression Based Result Prediction In Talent Shows Using Deep Learning	
	98	Arshdeep Kaur and Anil Kumar	Prediction of Liver Disorders Using Simple Logistic Technique of Machine Learning	
	100	Naveen Vakada, Yaswanth Mareedu, Neeharika Sai Mandava, Sravya Kaveti and Krishna Kishore G	PERFORMANCE BASED ADAPTIVE LEARNING RATE SCHEDULER ALGORITHM	
103	Mohammad Khalid Pandit and Azra Nazir Mir	Urdu QA: Question Answering system for Urdu Language		
10 th September 2020	Session-3			09:30AM-01:00 PM
	<p>Session Chairs:-</p> <ol style="list-style-type: none"> 1. Prof. Chiradeep Mukherjee 2. Prof. Umesh Gurnani 3. Prof. (Dr.) Sourav Saha <p>Meeting Link:- http://meet.google.com/abq-iisc-xrs</p>			
	Paper id	Author Name	Paper Title	
	114	Shweta Singh and Malvika Gupta	Message Authentication over Network using IoT Architecture	



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<p>10th September 2020</p>	<table border="1"> <tr> <td>146</td> <td>Dipankar Debnath and Sarat Kumar Chettri</td> <td>Internet of Things: Current Research, Challenges, Trends and Applications</td> </tr> <tr> <td>154</td> <td>Jyoti Anand and Jyoti Khandelwal</td> <td>An Efficient Solution for Choosing a Reliable Pathway in Wireless Body Area Networks</td> </tr> <tr> <td>171</td> <td>Naveeth Babu and Prakash</td> <td>Enhanced Medical monitoring Wireless Sensors Networks using proposed Greedy Multipoint Relays Protocol Algorithm</td> </tr> <tr> <td>168</td> <td>Mr.Raju M.Sairise and Dr.Atul S.Joshi</td> <td>Upgrade in the Lifetime of Wireless Sensor Networks.</td> </tr> <tr> <td>173</td> <td>Shwetha J and Aswatha A R</td> <td>Street light management and control system using IoT</td> </tr> <tr> <td>89</td> <td>Mahendra Swain and Dr. Rajesh Singh</td> <td>Spade to Spoon: An IoT Based End To End Solution For Farmer Using Machine Learning in Precision Agriculture</td> </tr> <tr> <td>184</td> <td>Hriday Banerjee and Afaq Ahmed</td> <td>IoT based automated vehicle parking system</td> </tr> </table>	146	Dipankar Debnath and Sarat Kumar Chettri	Internet of Things: Current Research, Challenges, Trends and Applications	154	Jyoti Anand and Jyoti Khandelwal	An Efficient Solution for Choosing a Reliable Pathway in Wireless Body Area Networks	171	Naveeth Babu and Prakash	Enhanced Medical monitoring Wireless Sensors Networks using proposed Greedy Multipoint Relays Protocol Algorithm	168	Mr.Raju M.Sairise and Dr.Atul S.Joshi	Upgrade in the Lifetime of Wireless Sensor Networks.	173	Shwetha J and Aswatha A R	Street light management and control system using IoT	89	Mahendra Swain and Dr. Rajesh Singh	Spade to Spoon: An IoT Based End To End Solution For Farmer Using Machine Learning in Precision Agriculture	184	Hriday Banerjee and Afaq Ahmed	IoT based automated vehicle parking system	<p>09:30AM-01:00 PM</p>
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<p>10th September 2020</p>	<p style="text-align: center;"><u>Session-4</u></p> <p><u>Session Chairs:-</u> 1.Prof.Angshuman Khan 2.Prof.(Dr.)Aniruddha Mukherjee</p> <p><u>Meeting Link:-</u> https://meet.google.com/dvg-ihxg-ykk</p> <table border="1"> <thead> <tr> <th>Paper id</th> <th>Author Name</th> <th>Paper Title</th> </tr> </thead> <tbody> <tr> <td>121</td> <td>Subhojit Paul, Nirmalya Maity, Samhita Sinha, Shounak Basu, Supriya Mondal and Rohan Porel</td> <td>A comprehensive review of the available micro grid protection schemes and their challenges</td> </tr> <tr> <td>126</td> <td>Tanjina Das,Srikanta Paitnaik and Smita Prava Mishra</td> <td>Feature Selection on Linked Data: A Review</td> </tr> <tr> <td>127</td> <td>Shreya Chakraborty, Debabrata Singh and Anil Kumar Biswal</td> <td>NAARI: An Intelligent Android App for Women Safety</td> </tr> <tr> <td>131</td> <td>Amrita Dey and Sasthi Charan Hens</td> <td>A Study On Steam Cleaning Devices And It's Impact On Health And Hygiene</td> </tr> <tr> <td>148</td> <td>Anonyo Sanyal, Pijush Das,Pratik Gon and Sutirtha Kumar Guha</td> <td>Automated Vehicle Emergency Support using Edge Computing Concept</td> </tr> <tr> <td>153</td> <td>Rohit Jere, Anant Pandey, Manvi Singh and Mandar Ganjapurkar</td> <td>Leveraging Phone Numbers for Spam detection in OSNs</td> </tr> </tbody> </table>	Paper id	Author Name	Paper Title	121	Subhojit Paul, Nirmalya Maity, Samhita Sinha, Shounak Basu, Supriya Mondal and Rohan Porel	A comprehensive review of the available micro grid protection schemes and their challenges	126	Tanjina Das,Srikanta Paitnaik and Smita Prava Mishra	Feature Selection on Linked Data: A Review	127	Shreya Chakraborty, Debabrata Singh and Anil Kumar Biswal	NAARI: An Intelligent Android App for Women Safety	131	Amrita Dey and Sasthi Charan Hens	A Study On Steam Cleaning Devices And It's Impact On Health And Hygiene	148	Anonyo Sanyal, Pijush Das,Pratik Gon and Sutirtha Kumar Guha	Automated Vehicle Emergency Support using Edge Computing Concept	153	Rohit Jere, Anant Pandey, Manvi Singh and Mandar Ganjapurkar	Leveraging Phone Numbers for Spam detection in OSNs	<p>09:30AM-13:00 PM</p>
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	159	Kingshuk Roy, Laxmi Srivastava and Shishir Dixit	Power Loss Sensitivity and GWO Based Approach for Optimal Capacitor and DG Allocation in Distribution System	
	175	Sayanti Dutta, Anusha Chaudhuri and Arindam Chakraborty	Low Cost Iot Based Smart Wheelchair For Type-2 Diabetes And Spine-Disorder Patients	
	183	Krishna Kumar, Rachna Shah, Narendra Kumar and Ravindra Pratap Singh	Application of Robotic Process Automation	
10 th September 2020	LUNCH BREAK			01:00PM-02:30PM
10 th September 2020	Corporate Keynote 1: 'The evolution in need of Enterprise AI' by Dr.Sumant Kulkarni Director & Head of AI (R&D) Zensar Technologies Meeting Link:- https://meet.google.com/mmx-hxom-cqe			02:30PM-3:00PM
10 th September 2020	Research Keynote 1: 'AI for Human Activity Recognition in Smart Environment' by Prof.(Dr.) Christopher Nugent Ulster University U.K Meeting Link:- https://meet.google.com/mmx-hxom-cqe			3:00 PM-3:30PM
10 th September 2020	Research Keynote 2: 'Framework to integrate AI into 5G networks' by Prof.(Dr.) Sandeep Joshi Manipal University,Jaipur,India Meeting Link:- https://meet.google.com/mmx-hxom-cqe			3:30PM-4:00PM



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10 th September 2020	Corporate Keynote 2: When AI (Artificial Intelligence) meets HI (Human Intelligence) by Prof.(Dr.) Rima Ghose Chowdhury EVP and CHRO, Datamatics global services Ltd. Meeting Link:- https://meet.google.com/mmx-hxom-cqe	4:00PM-4:30PM
10 th September 2020	Prize Distribution Meeting Link:- https://meet.google.com/mmx-hxom-cqe	4:30PM-5:00PM
10 th September 2020	Valedictory Session Meeting Link:- https://meet.google.com/mmx-hxom-cqe	5:00PM-5:30PM
	END OF THE EVENT	

Somen Nayak

(Convener Chair)



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