

Program Schedule	5th International Conference on Information Systems and Computer Networks (ISCON 2021) October 22-23, 2021
	Day - 1: Friday 22 October 2021
Time	Online Opening Ceremony
10:30- 11:45	<p>Chief Guest: Prof. Ajit Balakrishanan, Chairman & CEO, Rediff.Com</p> <p>Guest of Honor: <i>Prof. S. N. Singh</i>, IIT Kanpur</p> <p>Guest of Honor: <i>Dr. S. K. Singh</i>, IIIT Prayagraj, Chairman IEEE UP Section</p> <p>Guest of Honor: <i>Kumar Prashank Chaudhary</i> Senior Vice President, Gemini Solutions Pvt Ltd</p> <p>Guest of Honor: <i>Mr. Sanjeev Kumar Varshney</i>, Scientist G Advisor, Department of Science & Technology, New Delhi</p> <p>Guest of Honor: <i>Mr. Praveen Khosla</i>, Executive Director, CDAC, Mohali</p> <p>Guest of Honor: <i>Mr. Amit Goyal</i>, Business Head - South East Asia, edx</p> <p><i>Mr. Govind Singh Negi</i>, Country Head, 3 Pillar Global, Noida</p> <p>Guest of Honor: <i>Mr. Bankey Bihari Sharma</i>, Manager – Amazon, India</p> <p>Zoom Meeting ID: 954 7746 6755 Passcode: 123</p> <p>Inaugural Coordinator: Ms. Ambika Gupta</p>

If any query: Please contact Dr. Ashish Sharma (Convener): 9760079135
Dr. Neeraj Gupta (Co-Convener): 9897267040

Program Schedule	5th International Conference on Information Systems and Computer Networks (ISCON 2021) October 22-23, 2021
	Day - 2: Saturday 23 October 2021 Closing and Valedictory Function
Time	
15:30- 16:00	<p>Chief Guest: Dr. B. K. Murthy, Scientist G & Group Coordinator, MEITY, New Delhi</p> <p>Guest of Honor: <i>Mr. Rakesh Sehgal</i>, Principal Engineer, CDAC, Mohali</p> <p>Guest of Honor: <i>Dr. Hamid Saremi</i> President(chancellor), Asrar Higher Education Institute, Mashhad –IRAN</p> <p>Guest of Honor: <i>Mr. Subnesh Sharma</i>, VVDN,Gurgaon</p> <p>Guest of Honor: <i>Mr. Gaurav Krishna</i>, Manager at Accenture, Greater Pittsburgh, USA</p> <p>Zoom Meeting ID: 932 4733 8522 Passcode: 123</p> <p>Closing Coordinator: Ms. Swati Srivastava</p>

If any query: Please contact Dr. Ashish Sharma (Convener): 9760079135
Dr. Neeraj Gupta (Co-Convener): 9897267040

***If any problem occurred during technical session called on Rapporteur contact number**

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Session-1		Date: 22 October 2021		Time: 12:00-15:00	
Keynote Speaker: Dr. Debabrata Datta, Retired Senior Scientist & Head Radiological Physics BARC, Bombay					
Keynote Speaker: Maiya Din, Associate Director, New Delhi					
Session Chair 1 and Speaker: Mr. Harsh Singhal, Tech lead, VVDN Technology					
Session Chair 2: Dr. Abhay Chaturvedi, Associate Professor, GLA University, Mathura (9997728756)					
Rapporteur: Mr. Jitesh Kumar Bhatia (9997754517)					
Track: Bio-informatics and Machine Learning					
Zoom Meeting ID: 974 2549 8956 Passcode: 123					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	52	Dharmendra Pathak and Ramgopal Kashyap	A review of the classification of neuroscience problems with the help of deep learning framework		
2	56	Shikha Chadha, Neha Gupta, Rosey Chauhan and Gunjan Srivastava	Mortality Rate Extrapolation Based on Symptomatic Symptoms of Novel Coronavirus		
3	82	Nikita Mittal and Alok Bharadwaj	Surveillance of Pathogenic Bacteria from Milk Samples.		
4	166	Sunil Kumar and Mumtaj Haidar	Smart healthcare system for biomedical and health care applications using Aadhaar and Blockchain		
5	297	Prativa Agarwalla and Sumitra Mukhopadhyay	Comparative Analysis of Multi-objective Algorithms for Imbalanced Biomedical Data Classification with Tuned Classifier		
6	353	Neda Afreen, Ranjeeta Patel, Muneeb Ahmed and Mustafa Sameer	A Novel Machine Learning Approach Using Boosting Algorithm for Liver Disease Classification		
7	356	Ponnam Harikrishna	Classification of Cardiac Arrhythmias using Recurrent Neural Network and Selected		
8	375	Pratyush Priyansh, Vikas Tiwari, Chandresh Negi and H.M. Gaur	Low-Cost Midget Robot to Aid Viral Infectious Diseases: Shiv, A Robot for Med Field		
9	433	Anju P Unni, A Sreekumar and Kannan Balakrishnan	Disease Based Computational Drug Repurposing : A Review		
10	445	Amitava Choudhury, Alok Negi and Tanmay Bhowmik	A Study on Effect of COVID-19 and AI tools to Detect Coronavirus from Chest Medical Images		

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Session-2		Date: 22 October 2021		Time: 12:00-15:00
Keynote Speaker: Mr. Puneet Mishra, Indian Space Research, Systems Integration Group U. R. Rao Satellite Centre Bangalore				
Keynote Speaker: Masoud Mohammadian, Associate Professor, Information, Technology (IT) & Systems, Australia				
Session Chair 1: Dr. Vipin Balyan, Cape Peninsula University of Technology, South Africa				
Session Chair 2: Dr. Sandeep Kumar Rathore, GLA University, Mathura (9456606364)				
Rapporteur: Mr. Subhash Chand Agarwal (9897552489)				
Track: AI in Healthcare				
Zoom Meeting ID: 964 9861 8470 Passcode: 123				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	446	Abhishek Das, Saumendra Kumar Mohapatra and Mihir Narayan Mohanty	A Concatenated Model with Deep Learning Technique for Skin Lesion Detection	
2	453	Narendra Mohan, Vinod Jain and Gauranshi Agrawal	Heart Disease Prediction Using Supervised Machine Learning Algorithms	
3	455	Animan Tripathi and Pravir Kumar	Identification of Putative LRRK2 Inhibitors in the Pathogenesis of Parkinson's Disease: A Drug-repurposing Approach	
4	456	<u>Harshita Goswami and Pravir Kumar</u>	Is Artificial Intelligence a Helping Hand for The Future of Neurosurgery?	
5	467	Yami Garg and Pravir Kumar	Regulation of Hypoxia Inducible Factor via Histone Deacetylase 3 Inhibitor Valproic Acid	
6	474	Divya Yadav and Pravir Kumar	Parkinson's Disease: An overview and role of glutamate and its receptors	
7	483	Seema Maitrey and Kajal Kansal	Emergence of 30 AI Based Solutions to Tackle COVID -19 in India: Are These Tools Helpful or Not?	
8	491	Sfurti Sarah, Mahendra Gourisaria, Vinayak Singh and Pradeep Singh	Retinal Disease Detection using CNN through Optical Coherence Tomography Images	
9	493	Divya Singhal	Challenges and Future Prospects for Green Biocatalytic Synthesis of Nanoscale Materials: Biomedical Applications	
10	519	Muzammil Khan and Dr. Pushpendra Kumar	Early Prediction of COVID-19 Suspects Based on Fractional Order Optical Flow	

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Session-3		Date: 22 October 2021	Time: 12:00-15:00
Keynote Speaker: Dr. Dinesh K. Vishwakarma, Professor, Delhi College of Engineering			
Keynote Speaker: Mr. Nikhil Singhal, Associate Software Engg, Accenture			
Session Chair 1: Dr. Pooja Pathak, GLA University, Mathura (9897249598)			
Session Chair 2: Dr. Ankush Agarwal, GLA University, Mathura (9997521145)			
Rapporteur: Mr. Rajesh Tripathi (9410075857)			
Track: Bio-Information Technology			
Zoom Meeting ID: 964 2678 9452 Passcode: 123			
S.N.	Paper ID	Presenting Authors	Title of the Paper
1	521	Manoj Diwakar, Richa Pandey, Ritik Sharma, Sapna Saun, Prabhishkek Singh and Neeraj Kumar Pandey	Internet of Medical Things: A CT image denosing in tetrolet domain
2	535	Dhirendra Prasad Yadav, Prabhav Saini and Pragya Mittal	Feature Optimization Based Heart Disease Prediction using Machine Learning
3	571	Dhanaraj Anthony Jerline Sheebha Anni, Mohammed Nabeel, Meharunnisa A A, Kavyakannan Kannan and Fathima Hiba K K	A Covid 19:QR Code based Health monitoring system
4	624	Aditya Saxena	A Bioinformatics Approach for Deciphering the Pathogenic Processes of COPD
5	663	Vikas Solanki, Umesh Solanki, Anupam Baliyan, Vinay Kukreja, Vikas Lamba and Bidush Kumar Sahoo	Importance of Artificial Intelligence and Machine Learning in fighting with COVID-19 Epedemic
6	692	Nasmin Jiwani, Ketan Gupta and Dr. Pawan Whig	Novel HealthCare Framework for Cardiac Arrest With the Application of AI Using ANN
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Session-4		Date: 22 October 2021		Time: 12:00-15:00
Keynote Speaker: Prof. RajKumar Buyya, University of Melbourne				
Keynote Speaker: Dr. Monica Bianchini, Associate Professor, University of SIENA, Italy				
Session Chair 1: Dr. Krishan Kumar, Head of the Department CSE, NIT Uttarakhand				
Session Chair 2: Dr. Mayank Srivastava, GLA University, Mathura (8979132666)				
Rapporteur: Mr. Ajeet Kumar Sharma (9634477686)				
Track: Data Communication and Computer Networks				
Zoom Meeting ID: 930 1577 5777 Passcode: 123				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	1	Amy Barnes	Australian Approach to Cyber Security	
2	2	Vincent Nyangaresi	Energy Efficient WSN Sink-Cloud Server Authentication Protocol	
3	11	Manoj Kumar Misra, Rashi Mathur and Rishish Tripathi	On Post Quantum Wireless Communication Security	
4	31	Yashika Goyal, Neetu Faujdar and Reeya Agarwal	Blending of Cryptical Algorithms	
5	54	Viplove Bansal	Survey on Homomorphic Encryption	
6	62	Neeraj Kumar Pandey, Amit Kumar Mishra and Vivek Kumar	An Extended Intelligent Water Drop Strategy for Workflow Scheduling in Cloud Environment	
7	106	Abhishek Goyal, Rakesh Garg and Komal Kumar Bhatia	Categorization of Task Scheduling Algorithms used in Cloud Environment	
8	115	Anagha Panditrao, Vaishnavi Malwatkar, Pooja Babar and Shweta Wankhede	Development of VOC Monitoring System for Newly Painted Buildings	
9	128	Ashish Pawar, Dhanshree Barthare, Naveen Rawat, Manish Yadav and Mahesh Shirole	BlockAudit 2.0 : PoA blockchain based solution for secure Audit logs	
10	129	Praveen Kumar	Big data	
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Session-5		Date: 22 October 2021		Time: 12:00-15:00	
Keynote Speaker: Dr. Sanjay Mittal, Professor, IIT Kanpur					
Keynote Speaker: Dr. Sameep Mehta, IBM Distinguished Engineer, AI and Hybrid Data at IBM					
Session Chair 1: Dr. Rohit Agarwal, GLA University, Mathura (9897363599)					
Session Chair 2: Dr. Hitendra Garg, GLA University, Mathura (9997497095)					
Rapporteur: Mr. Praveen Mittal (9897449018)					
Track: Data and Network Security					
Zoom Meeting ID: 992 5745 4189 Passcode: 123					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	193	Pallab Banerjee and Sharmistha Roy	An investigation of various task allocating mechanism in Cloud		
2	194	Manoj Kumar Misra, Rashi Mathur and Rishish Tripathi	A New Encryption/Decryption Approach Using AES		
3	228	Vivek Sharma, Abhishek Chauhan and Sulabh Bansal	Secure File Storage on Cloud using Hybrid Cryptography		
4	235	Vivek Sharma, Aamod Tiwari and Divyanshu Srivastava	Cloud Based Shipping Management System		
5	249	Dr Mayank Srivastava, Anjali Kumari, Krishan Kant Dwivedi, Sakshit Jain and Vrishti Saxena	Analysis and Implementation of Novel Keylogger Technique		
6	256	Sanjay H A, Tulasi S, Sarang Parikh and Madhu N	INSIGHTS ON BLOCKCHAIN FRAMEWORKS FOR DECENTRALIZED APPLICATION DEPLOYMENT		
7	385	Khushnaseeb Roshan and Aasim Zafar	An Optimized Auto-Encoder based Approach for Detecting Zero-Day Cyber-Attacks in Computer Network		
8	387	Rashmi Singh and Dr. Praveen Kumar Mannepalli	Cloud Malicious Threat Detection Using Convolution Filter and EBPNN		
9	443	M.Vishnu Kartik and Dr.Sanmukh Kaur	Introduction of 5G to Artificial Intelligence Drones		
10					

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Session-6		Date: 22 October 2021		Time:14:00-18:00
Keynote Speaker: Dr. G P Karmakar, Professor, Indian Institute of Technology, Kharagpur				
Keynote Speaker: Dr. Hari Mohan Pandey, Associate Professor, Edge Hill University UK				
Session Chair 1: Dr. Alok Singh, Associate Professor, Guru Ghasidas University, Bilaspur				
Session Chair 2: Dr. Gaurav Kumar, GLA University, Mathura (8586968801)				
Rapporteur: Mr. Piyush Vashistha (9410420204)				
Track : Cloud and Grid Computing				
Zoom Meeting ID: 955 6099 3151 Passcode: 123				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	468	Pillareddy Vamsheedhar Reddy and Karri Ganesh Reddy	An analysis of a Meta heuristic optimization algorithm for cloud computing	
2	475	S Asha Varma and Karri Ganesh Reddy	A Review of DDoS Attacks and Its Countermeasures in Cloud Computing	
3	485	Babu Lal Sharma and Dharendra Mathur	FREQUENCY RECONFIGURABLE PATCH- REFLECTOR ANTENNA for WIRELESS APPLICATIONS	
4	516	Annaji Kuthe and Ashish Sharma	Review paper on Design and Optimization of Energy Efficient Wireless sensor network Model for Complex Network	
5	566	Vimal Gaur and Rajneesh Kumar	HCTDDA: Hybrid Classification Technique for Detection of DDoS Attacks	
6	572	R Laldhuhsaka, Ajoy Khan and Amit Kumar Khan	Issues and Challenges in Building a Model for Intrusion Detection System	
7	580	Ishaan Khetan, Palnaa Sheth, Sarthak Dalal, Sarthak Mistry, Varija Sharma and Neha Katre	Arbitrage in Cryptocurrency: A Survey	
8	612	Nitin Kumar, Vinod Kumar and Pawan Kumar Verma	An Energy-Efficient Wireless Sensor Networks Approach based on ADV-LEACH2 Clustering Protocols for Heterogeneous and Homogeneous	
9	638	Nitesh Singh Bhati and Manju Khari	Comparative Analysis of Classification Algorithms for Intrusion Detection	
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Session-7		Date: 22 October 2021		Time: 14:00-18:00
Keynote Speaker: Dr. Jun Wang, University College London				
Keynote Speaker: Mr. Rahul Bansal, Solution Owner, NCR				
Session Chair 1: Dr. Abhishek, Associate Professor, IIT Kanpur				
Session Chair 2: Dr. Shashi Shekhar, GLA University, Mathura (8474970309)				
Rapporteur: Mr. Nikhil Govil (8171326789)				
Track : Data Mining & Information Retrieval				
Zoom Meeting ID: 917 6950 5776 Passcode: 123				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	4	Sahil Sejwal, Neetu Faujdar and Shipra Saraswat	Sentiment Analysis using hybrid CNN-LSTM approach	
2	8	Charu Awasthi, Dr. Meenakshi Nawal and Dr. Prashant Kumar Mishra	Fuzzy Logic Based Hybrid Approach CAC Scheme in 5G	
3	12	Rohan Singh and Pankaj Sharma	An overview of social media and sentiment analysis	
4	47	Shailendra Kumar Mishra and Surendra Rahamatkar	Role of Predictive Data Analytics to Assess Long Term Impacts of Disaster	
5	51	Rishabh Sachan, Ronak Agrawal and Sony Tripathi	Automatic Query Expansion Approach for Term Selection using Genetic Algorithm with BERT Score and WordNet Semantic Filtering	
6	63	Satendra Yadav	"A Five Year bibliometric analysis of Artificial Intelligence (AI) from 2016 to 2020"	
7	74	Rajesh Sisodiya and Dr. Praveen Kumar Mannepalli	Invasive Weed Optimization Based Sentiment Mining of Digital Review Content	
8	75	Vikram Rajpoot, Ankur Chaturvedi and Kunal Goyal	An Empirical Study of Sentiment Analysis on Movie Review using Machine Learning based Classification Approach	
9	124	Harshil Kanakia, Diksha Bandagale and Sayali Kamble	Analysis Of Mental Health During COVID-19 Pandemic	
10	137	Rachna Somkunwar, Anil Kulnar Gupta, Faizan Shikalgar, Shubham Maral, Rohan Kapdi and Arpit Paithankar	A NOVEL HYBRID APPROACH FOR FAKE NEWS DETECTION	

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Session-8		Date: 22 October 2021		Time: 14:00-18:00
Keynote Speaker: Dr. Mario Jose Divan, National University of La Pampa				
Keynote Speaker: Mr. Shubham Joshi, Developer, Capgemini				
Session Chair 1: Dr. Manu K Gupta		Asst. Professor, IIT Roorkee		
Session Chair 2: Dr. Neeraj Gupta, GLA University, Mathura (9897267040)				
Rapporteur: Mr. Vivek Sharma (9648019011)				
Track : Data Mining				
Zoom Meeting ID: 913 9078 6812				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	175	Himanshu Shekhar and Siddhartha Agarwal	Automated Natural Language Processing and Data Analysis on Fatality Reports of Indian Non-Coal Mines for Mines Safety	
2	207	Rwittika Pramanik, Rakshit Agrawal, Mahendra Gourisaria and Pradeep Singh	Comparative Analysis of Mobile Price Classification Using Feature Engineering Techniques	
3	224	Pooja Malhotra, Manasi Patil, Tripti Anchan, Jash Gaglani and Khushali Ganatra	Negotiation Closer Bot: Negotiation Outcome Predictor based on Sentiment Analysis	
4	229	Vivek Sharma, Shubham Saraswat and Shivom Verma	Cost-Effective Data Mining Application Covid-19 Analyzer	
5	263	Vivek Devvrat Singh and Utkal Khandelwal	A Conceptual Framework for Post Lockdown Digital Marketing Strategy for Malls for developing Loyalty and e-Word of Mouth	
6	267	Aditi Sharma and Parmeet Kaur	Implementing a multitenant system using a document-based NoSQL database	
7	354	Meenu Gupta, Rakesh Kumar, Harshit Walia and Gagandeep Kaur	Airlines based Twitter Sentiment Analysis Using Deep Learning	
8	381	Meeta Chaudhry and Amit Kumar	Review and Analysis of Stock Market Data Prediction Using Data mining Techniques	
9	404	Rahul Pradhan, Satyam Jha, Sachi Tripathi and Shikha Parashar	Customer Segmentation Using Clustering Approach Based on RFM Analysis	
10	423	Suresh Babu Changalasetty	Using EM technique for Juvenile crime zoning	

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Session-9		Date: 22 October 2021		Time: 14:00-18:00	
Keynote Speaker: Dr. David A/L Asirvatham, School of Computing And IT, Taylor					
Keynote Speaker: Mr. Shubham Srivastava, Senior Software Engineer, Wipro					
Session Chair 1: Dr. Chandra Prakash, Asst. Professor, NIT Delhi					
Session Chair 2: Dr. Rakesh Kumar Galav, GLA University, Mathura (9639109098)					
Rapporteur: Ms. Nishtha Parashar (9617973292)					
Track : Big Data and Large Scale Methods					
Zoom Meeting ID: 969 0496 5947					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	464	Arathi Krishna V, Anusree A, Blessy Jose, Karthika Anilkumar and Ojus Thomas Lee	Phishing Detection using Extra Trees Classifier		
2	512	Amrit Pal, Abishi Chowdhury, Satakshi Singh and Manish Kumar	Pipeline Based Big Data Sketching		
3	513	Mohit Dagar, Abhishek Kajal and Pardeep Bhatia	Twitter Sentiment Analysis using Supervised Machine Learning Techniques		
4	518	Gaurav Sharma and Atul Kumar Uttam	Multilayer Neural Network Model for Mixed martial arts Winner Prediction		
5	525	Mansi Gupta, Preeti Gupta, Riya Kansal, Mahesh Khotani and Lovely Singh	Analysis of Twitter data to Identify Intuitive Mental Health Well Being		
6	539	<u>Sunil Singh, Kalpana Anshu and Reenu Kumari</u>	A Machine Learning Model for Effective Consumer Behaviour Prediction		
7	540	Dr. Jayshri Bansal, Dr. Pratosh Bansal and Rajesh Kumar Chakrawarti	Analysis of Hindi-English Poetry Translation through Machine Translation Systems		
8	548	Manu Gupta, Mandepudi Nobel Chowdary, Sankeerth Bussa and Chennupati Kumar Chowdary	Deploying Hadoop Architecture Using Ansible And Terraform		
9	596	Priya Shrivastava and Dilip Kumar Sharma	Fake Content Identification using Pre-Trained Glove Embedding		
10	606	Vikas Lamba, Susheela Hooda, Vikas Solanki, Rakesh Ahuja, Sachin Ahuja and Amandeep Kaur	Comparative Analysis of Artificial Neural Networks for Predicting Nifty 50 value in The Indian Stock Market		

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Session-10		Date: 22 October 2021		Time: 14:00-18:00	
Keynote Speaker: Dr. Richi Nayak, Associate Professor Faculty of Science, School of Computer Science Australia					
Keynote Speaker: Ms. Shruti Sanadhya, Strategic Account Management, Pre-Sales Consulting					
Session Chair 1: Dr. D.Vaithyanathan, Assistant Professor, National Institute of Technology Delhi					
Session Chair 2: Dr. Vinod Jain, GLA University, Mathura (9813078438)					
Rapporteur: Ms. Anupam Yadav (9690480615)					
Track : Decision Support Systems					
Zoom Meeting ID: 914 1520 6381					
S.N.	Paper ID	Presenting Authors		Title of the Paper	
1	607	Priyanka Gupta, Dr. Anchal Garg and Dr. Deepti Mehrotra		Usefulness of rubric in assessing writing skills using Clustering	
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Session-11		Date: 23 October 2021		Time: 09:30-13:00	
Keynote Speaker: Dr. Ramesh Dharwath Associate Professor IIT Dhanbad					
Keynote Speaker: Mr. ASHISSH KAUL, Associate Director, Industry 4.0 - How to Thrive and Survive					
Session Chair 1: Mr. Sukomal Dey, Assistant Professor, Indian Institute of Technology Palakkad					
Session Chair 2: Dr. Vikram Rajpoot, GLA University, Mathura (9098686144)					
Rapporteur: Ms. Ambika Gupta (8445316984)					
Track : Internet of Things, IIoT					
Zoom Meeting ID: 980 7738 1943					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	19	Mohini Yadav and Majid Jamil	Design and Development of IoT based Smart Dynamic Energy Management for the Built Environment		
2	93	Akhilesh Singh and Kirti Verma	IoT based Smart Agriculture System		
3	120	Vaibhav Bhujade, Aakanksha Dhaigude, Shreya Zode and Mahesh Shirole	Perpetual Interoperability of legacy ERP and Blockchain in Supply Chain		
4	130	Asif Ikbal Mondal and Bijoy Kumar Mandal	Architecture of Bluetooth Security for Pairing Key and Better Authentication*		
5	156	Jitin Bahri and Rakesh Garg	Suspicious Behavior Detection Using Man Machine Model with Integration of Virtual Reality		
6	176	Kishore Kumar, Sarvesh Tanwar, Subhranil Som and Shishir Kumar	Improvised Secure Transmission Technique accessory on Artificial Intelligence		
7	264	Rajiv Mishra, Rajesh Yadav and Prem Nath	Blockchain-Based Decentralized Authorization Technique for Data Sharing in the Internet of Things		
8	327	Akhilesh Kumar Singh, Shilpi Yadav and Manish Raj	An IoT based approach for Detecting and Avoiding Bumps in Automated Vehicles		
9	393	Nirmal Kumar Agarwal, Dr. Abhinav Saxena, Aman Rathore, Sonali Arora, Akash Yadav and Ayush Yadav	Auto-Intensity Regulation of Streetlights using Arduino		
10	395	Mainak Chakraborty, Srinivasan Aruchamy, Srinivasa Reddy Ns, Sanjib Kumar Mandal and Subhasis Bhaumik	Human Action Classification using seismic sensor and machine learning techniques		

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Session-12		Date: 23 October 2021		Time: 09:30-13:00
Keynote Speaker: Dr. Rajat Subhra Chakraborty, Associate Professor, IIT Kharagpur				
Session Chair 1: Dr. Sanjog Rawat, Senior Associate Professor, Manipal University Jaipur				
Session Chair 2: Dr. Neetu Fauzdar, GLA University, Mathura (9990290589)				
Rapporteur: Ms. Mona Kumari (8726686816)				
Track : Block chain				
Zoom Meeting ID: 989 5375 7134				
S.N.	Paper ID	Presenting Authors	Title of the Paper	
1	406	Prashant Gupta, Nirmal Kumar Agarwal, Dinanath Prasad and Sanjeev Kumar Ojha	A Strategic Technique for Transient Stability Enhancement by using Coordinated Control of SVC and Optimal Reclosure of Circuit Breaker	
2	461	Srashti Rastogi, Priyanka Bhatt and R Gowri	Design and Simulation of First Order Microwave Digital Differentiator & Trapezoidal Integrator	
3	472	Akhileshwar Prasad Agrawal and Nanhay Singh	Comparative analysis of SVM Kernels and parameters for efficient anomaly detection in IOT	
4	478	Rahul Mishra and Manish Gupta	AN IOT BASED ENVIRONMENTAL STRATEGIC SOLUTION FOR FIRE AND AIR POLLUTION USING CLOUD COMPUTING PLATFORM	
5	484	Pooja Mishra and Tatavarty Guru Sant	Role of AI and IoT in Promoting Banking and Financial Services During COVID-19 Pre and Post Effect	
6	520	Happy Pandey, Yajush Pratap Singh, Yashwant Singh, Prabhishek Singh, Manoj Diwakar and Neeraj Kumar Pandey	Comparative analysis of different mining approaches for Blockchain in infant care application on IoT	
7	564	<u>María Laura Sánchez-Reynoso, Mario José Diván and Silvio Miguel Gonnet</u>	Recent Applications of Federated Learning in Edge and IoT Environments: A Review	
8	578	Karan Kumar Singh, Samiksha Kumar and Parma Nand	A Comparative Study on Energy-Efficient And Non Energy-Efficient Routing Protocols In Underwater Sensor Networks	
9	579	Aryan Chouhan, Aayush Halgekar, Ishaan Khetan, Nemil Shah, Jay Bhatia and Kriti Srivastava	Internet of Behavior (IoB): A Survey	
10	583	Monika Deshmukh and Onkar Kemkar	Intrusion Detection System (DBN-IDS) for IoT using optimization enabled deep belief neural network	

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Session-13		Date: 23 October 2021		Time: 09:30-13:00	
Keynote Speaker: Dr. Sri Devi Ravana, Associate Professor, University of Malaya, Malaysia					
Keynote Speaker: Dr. Anirban Sengupta, Associate Professor, IIT Indore					
Session Chair 1: Dr. Gaurav Kumar, GLA University, Mathura					
Session Chair 2: Dr. Nitin Tyagi, GLA University, Mathura (9412179002)					
Rapporteur: Mr. Anuj Mangal (9897534383)					
Track : Computational Intelligence System					
Zoom Meeting ID: 971 6874 1425					
S.N.	Paper ID	Presenting Authors		Title of the Paper	
1	629	Divya Singh and Rajeev Srivastava		Graph Convolutional Network-based Centre-Object Tracking for the multi-dynamic agents for Autonomous Vehicles	
2	642	Smriti Sachan, Rohit Sharma and Amit Sehgal		An Extensive Learning on the Reliability of Mobile Wireless Sensor Networks	
3	643	Smriti Sachan, Rohit Sharma and Amit Sehgal		MEC Based Energy Efficient Scheduling for Internet of Vehicles	
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Session-14		Date: 23 October 2021		Time: 09:30-13:00	
Keynote Speaker: Dr. Santosh Biswas, Professor, IIT Bhilai					
Keynote Speaker: Dr. Karthik Shankar, University of Alberta					
Session Chair 1: Dr. Jyoti Kaushik, Assistant Professor, BANASTHALI UNIVERSITY, Jaipur					
Session Chair 2: Dr. Dharendra Kumar Shukla, GLA University, Mathura (9454083836)					
Rapporteur: Mr. Pawan Kumar Verma, GLA University, Mathura (8126748459)					
Track : Software & Systems					
Zoom Meeting ID: 957 6921 3061, Pass code 123					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	14	Ram Naresh Mishra	Synchronous Machine Parameters Estimation using LabVIEW		
2	43	Delin Ding and Jun Shen	A New Method on Service Description Supporting Customization in Structured Networks		
3	144	Rachna Somkunwar, Anil Kumar Gupta, Anjali Kumari, Komal Ghodke, Ankita Kumari and Jayshree Repale	WEB BASED MULTILINGUAL, REAL TIME SPEECH TRANSCRIPTION, TRANSLITERATION AND TRANSLATION SYSTEM		
4	188	Mayank Srivastava and Aditi Bhatia	City Scene Anomaly Detection : Survey		
5	333	Rishabh Chauhan and Sunil Kumar	Packet Loss Prediction Using Artificial Intelligence Unified with Big Data Analytics, Internet of Things and Cloud Computing Technologies.		
6	367	Nihar Ranjan Pradhan, Akhilendra Pratap Singh and Rajesh Mahule	Blockchain Based Smart and Secure Agricultural Monitoring System		
7	370	Aksh Agrawal, Samyak Jain, Vikas Deep, Purushottam Sharma and Sakshi Mishra	Meter Reading using OCR for Comfort and Cost Optimization		
8	388	Anisom Chakraborty, Ankit Mallick, Srinivasa Reddy Ns, Siva Rama Krishna Vadali and Srinivasan Aruchamy	A Novel Energy Based Ground Movement Detection Technique using Seismic Signal		
9	413	Mitali Chugh	A Research perspective on integrating Knowledge Management for Software Engineering		
10	438	Nilanjun Das, Shaivya Shankar, Biswabandan Dash, Jayesh Mohan, Manjusha Pandey and Siddharth Swarup Rautaray	Productivity Profiling of Organizations based upon Communication Interpretation and Analysis		

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October 22-23, 2021

Session-15		Date: 23 October 2021		Time: 09:30-13:00	
Keynote Speaker: Dr. Samit Bhattacharya, Associate Professor, IIT Guwahati					
Session Chair 1: Dr. Shailesh Saxena, Asst. Professor, SRMS Women's College of Engineering & Technology) Bareilly					
Session Chair 2: Dr. Pratik Roy, GLA University, Mathura (9635266444)					
Rapporteur: Ms. Kirti Bansal, GLA University, Mathura (8630884768)					
Track : Knowledge Engineering					
Zoom Meeting ID: 989 4404 0496					
S.N.	Paper ID	Presenting Authors	Title of the Paper		
1	447	Puja Tomar, P.P. Bansod, R.C. Gurjar and Rupali Jarwal	Design of Low Power Reversible Logic Based Counter with Efficient Quantum Cost		
2	470	Ved Pal and Naresh Chauhan	Role of Machine Learning in Software Testing		
3	522	Prabhishek Singh, Manisha Koranga, Rahul Prasad, Akрати Dubey, Manoj Diwakar and Neeraj Kumar Pandey	E-MFIF-NSST: Entropy-based Multi-Focus Image Fusion technique in NSST domain		
4	527	Pankaj Kumar Das and Nabin Kumar Pokhrel	Asymmetric CT-Burst Correcting Integer Codes		
5	551	Arvind Kumar, Shubham Shrotriya and Mahesh Chandra	Role of temporal amplitude modulation in Indian Political Scenario: Narendra Modi vs. Rahul Gandhi		
6	569	Siddhant Mishra, Semil Shah, Avani Vartak and Rupesh Mishra	Digital Solution to Combat Bribery and Justice Restoration System		
7	570	Dinesh Kumar Mahto, Vikash Kumar Saini, Akhilesh Mathur, Rajesh Kumar and Akash Saxena	Data Driven Approach for Optimal Power Flow in Distribution Network		
8	584	Pooja Yadav and Rashmi Singh	On soft sets based on ES structure, EI-algebra		
9	657	Analene Nagayo, Mahmood Zayid Al Ajmi, Naga Rama Krishna Venkatta, Fatma Saleh Alburadai, Amal Rashid Al Kindi and Ali Hassan Al Farsi	An Unmanned Aerial Robot and Physiological Data Monitoring System integrated into a Patient Transport Vehicle for Emergency Medical Services and Telehealth		

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Session-16		Date: 23 October 2021		Time: 12:00-03:30	
Keynote Speaker: Dr. Aditya Mahajan, Associate Professor, McConnell Engineering Building Montreal, CANADA					
Session Chair 1: Dr. Neeraj Pandey, Associate Professor, DIT University, Dehradun					
Session Chair 2: Dr. Saroj Kumar Pandey, GLA University, Mathura (9039192302)					
Rapporteur: Mr. Mayank Agarwal (9897626693)					
Track : Information Systems					
Zoom Meeting ID: 913 4276 8317 Passcode: 123					
S.N.	Paper ID	Authors	Title of the Paper		
1	21	Swati Srivastava	On the Physiological Measures based Driver's Drowsiness Detection		
2	23	Ankita Gupta and Ravindra Kumar Purwar	A ROBUST PRE-PROCESSING APPROACH FOR HANDWRITTEN DEVANAGARI WORD RECOGNITION SYSTEM		
3	28	J. Dhiviya Rose and S. Christalin Nelson	Expert Decision Support System for Donor Identification Using Multi Agent System		
4	36	Pooja Pathak, Shilpy Raghav, Shubhanshu Jain and Sunita Jalal	Essay Rating System Using Machine Learning		
5	76	Vikram Rajpoot, Rahul Pradhan and Jatin Agrawal	A study on predicting age using Convolution Neural Network		
6	145	Abhishek Singhal and Devendra Kumar Sharma	Analysis of Classifiers for Gender Identification using Voice Signals		
7	164	Manish Kumar and Swati Srivastava	Emotion detection through Facial Expression using Deep Learning		
8	180	Rachna Somkunwar, Anil Kumar Gupta, Priyanka Kakade, Harsh Gupta, Aditya Gupta and Pranjal Chinchwade	CONTACTLESS PALM VEIN BIOMETRIC AUTHENTICATION AND HEALTH MONITORING DEVICE		
9	186	Arpit Sharma, Arun Velu and Dr. Pawan Whig	AI Application for the sustainable development to reduce carbon footprint		
10	343	Rakesh Kumar, Meenu Gupta and S.Rubina Sapra	Speech to text Community Application using Natural Language Processing		

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October 22-23, 2021

Session-17		Date: 22 October 2021		Time: 12:00-03:30	
Keynote Speaker: Prof Pradeep Kumar Garg, Professor, IIT Roorkee					
Session Chair 1: Dr. Jitendra Kumar, Assistant Professor, NIT Tiruchirappalli					
Session Chair 2: Dr. Rinku Dutta, GLA University, Mathura (8918612472)					
Rapporteur: Mr. Navin Kumar Agrawal (9411253442)					
Track : Computer Vision					
Zoom Meeting ID: 966 1784 8542 Passcode: 123					
S.N.	Paper ID	Authors	Title of the Paper		
1	373	Girish Thatte, Gayatri Srinivasan, Rahul Mistry, Amisha Waghela and Swati Mali	DeCaptcha: Cracking captcha using Deep Learning Techniques		
2	402	Rishi Agrawal	A survey of Video Captioning methods		
3	509	Sandeep Singh, Jasgurpreet Singh Chohan and Raman Kumar	A Study on Challenges and Opportunities in Blended Learning		
4	515	Romil Bhanu Prakash Nujella, Shreyas Sahu and Surya Prakash	Face-Mask Detection to Control the COVID-19 Spread using Deep Learning Approach		
5	552	Daneshwari Modi, Ashok Sutagundar and Vijayalaxmi Yalavigi	CROP RECOMMENDATION USING MACHINE LEARNING ALGORITHM		
6	555	<u>Goutam Datta, Nisheeth Joshi and Kusum Gupta</u>	Study of NMT: An Explainable AI based approach		
7	581	Pushpalata Bhadane and Onkar Kemkar	Optimized Deep Neuro fuzzy network based automatic approach for segmentation and food recognition		
8	695	Nishant Singh and Aruna Bhat	A Detailed Understanding of Underwater Image Enhancement using Deep Learning		