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8-9 June, 2021

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ICRIC - 2021

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Presentation Schedule of ICRIC Volume 2 Conference (LNEE, Springer)

8 June, 2021 (Tuesday), Day 1 Schedule

Zoom Meeting URL: https://us02web.zoom.us/j/7915615127?pwd=UlBoSzQwbTQrZ1hXN3pwa3lwdDFlQT09

Session 1: 10:00 to 11:30 Hrs		Session Chair: Dr. Amit Sharma, Chitkara University, Chandigarh, India & Dr. Aruna Malik, NIT Jalandhar, India
S.N.	**ID**	**Authors**	**Title**

S.N.	ID	Authors	Title
1	27	Sonia and Monika Arora	The Latest Trends in Collaborative Security System
2	44	Harsha Vardan Maddiboyina, V A Sankar Ponnapalli and Naresh Kumar A	A Study on the Implementation of Secure VANETs using FPGA
3	58	Nitasha Bisht and Praveen Kumar Malik	ADOPTION OF MICROSTRIP ANTENNA TO MULTIPLE INPUT MULTIPLE OUTPUT MICROSTRIP ANTENNA FOR WIRELESS APPLICATIONS: A REVIEW
4	65	Sushopti Gawade, K.S. Charumathi and Jinesh Melvin	AWRPS-ROBO: Automated Weed Removal and Pesticides Spray
5	66	Jyoti Hatte, Shivleela Mudda, Gayathri K.M and Rupali Patil	Millimeter-Wave Dual-Band (32/38 GHz) Microstrip Patch Antenna for 5G Communication
6	70	Dr.Puneet Chandra Srivastava, Leena Sharma, Dr.Kiran Srivastava and Dr.Praveen Kumar Malik	Designing of Cavity Filter with Slot Coupling Mechanism for ku Band
7	71	Karuna Sheel and Dr Anil Sharma	Use of Smart Mobile Applications with IoT in Diseases Prediction System for Apple Orchards

Session 2: 10:00 to 11:30 Hrs		Session Chair: Dr. Ashutosh Sharma, Southern Federal University, Russia & Dr. Ashima Kukkar, Chitkara University, Chandigarh, India

S.N.	ID	Authors	Title
8	85	Narbada Prasad Gupta, Parulpreet Singh, Sanjay Kumar Sahu and Shelej Khera	Design and Analysis of Single band and Wideband Wineglass shaped Patch antenna for WLAN and Satellite Applications
9	89	Utkarsh Pandey, Dr. Narbada Prasad Gupta and Praveen Malik	Review on Miniaturized Flexible Wearable Antenna for Body Area Network
10	97	Pooja Dhiman and Dr. Santosh Kumar Henge	ANALYSIS OF PAST PROPOSED APPROACHES IN CLOUD SECURITY BASED ON BLOCKCHAIN TECHNOLOGY
11	99	Tushar Tyagi, Amit Kumar Singh, Himanshu Sharma and Rintu Khanna	HARMONIC MINIMIZATION IN MULTILEVEL INVERTERS USING ANT LION OPTIMIZATION ALGORITHM
12	125	Tripti Kunj and Kirti Pal	EV Technology Trends & Placement of Electric Vehicle Charging Station: A Review
13	106	Gaurav Sharma and Sushopti Gawade	Exploring Trust in SDN along with Network Monitoring
14	134	Punit Gupta and Yagya Malik	Cost aware BAT algorithm for task scheduling in cloud

Keynote Talk 1: 11:30 to 12:15 Hrs (IST) 8 June, 2021	Title of the talk: Real-Time Systems in Education by Dr. Zoltán Illés, Eötvös Loránd University (ELTE), Hungary
Keynote Talk 2: 12:15 to 13:00 Hrs (IST) 8 June, 2021	Title of the talk: Understanding Ultra Low Latency in beyond 5G Network by Dr. Kayhan Zrar Ghafoor, Knowledge University

Lunch Break 13:00 to 13:30 Hrs (8 June, 2021) Day-1

		Session 3: 13:30 to 15:00 Hrs	Session Chair: Dr. Sumit Kumar, Amity University, Noida, India & Dr. Vandana Mohindru, Chandigarh Group of Colleges, Mohali, Punjab, India
S.N.	ID	Authors	Title
15	114	Akshat Agrawal and Sanjay Misra	Computational Intelligence Approaches for Heart Disease Detection
16	116	Akshat Agrawal and Sanjay Misra	Prediction of Students' performance with Artificial Neural Network using Demographic Traits
17	122	Viktória Bakonyi, Zoltán Illés and Tibor Szabó	Real-time interaction tools in virtual classroom systems
18	123	Hamza Abubakar, Mohammed S. Ahmad, Jai Prakash Verma, Sudeep Tanwar and Pradeep Kumar Singh	Context enriched Machine Learning based approach for Sentiment Analysis
19	124	Mala Saraswat, Rishi Saraswat and Renu Bahuguna	Recommending books using RNN
20	103	Anil Kumar Dubey, Mala Saraswat, Rishu Gupta and Raman Kapoor	Examine the Indian Tweets to Determine Society Emphasis on Novel Corona-viruses (Covid-19)
21	105	Dávid Szabó and Zoltán Illés	Real-Time rendering with OpenGL and Vulkan in C#

		Session 4: 13:30 to 15:00 Hrs	Session Chair: Dr. Nagesh Kumar, Shoolini University, India & Dr. Praveen Kumar Malik, LPU, India
S.N.	ID	Authors	Title
22	129	Umhara Khan, Abdul Basit, Javaid A. Sheikh, G.M. Bhat and Suhaib Ahmed	Design of multiband pattern reconfigurable antenna loaded with circular split ring resonators
23	109	Marwah Yaseen, Mohammed B. M. Kamel and Peter Ligeti	Security Analysis and Deployment Measurement of Transport Layer Security Protocol
24	110	Husam Rajab, Xi Tiansheng and Tibor Cinkler	Improving LoRaWAN Networks Performance Through Optimized Radio Resource Management
25	111	Mohammed B. M. Kamel, Peter Ligeti and Christoph Reich	On Security and Performance Requirements of Decentralized Resource Discovery in IoT
26	117	Akshat Agrawal and Sanjay Misra	A Web Application Vulnerability Testing System
27	137	Yuping Yan and Peter Ligeti	Improving Security and Privacy in Attribute-based Encryption with Anonymous Credential
28	140/218	Szilárd Korom and Zoltán Illés	Systemic thinking in programming education

		Session 5: 13:30 to 15:00 Hrs	Session Chair: Dr. Samayveer Singh, NIT Jalandhar, India & Dr. Vivek Sehgal, Jaypee University of IT, India
S.N.	ID	Authors	Title
29	141	Ritu Dewan and Khandakar Faridar Rahman	A Survey on Applications of Unmanned Aerial Vehicles (UAVs)
30	144	Ms. Jasleen Kaur, Dr. Nikita Jindal, Dr. Brahm Prakash Dahiya and Dr Punam Rattan	Optimal Routing In Wireless Sensor Networks: A Review
31	146	Sajal Maheshwari, Anushka Sharma, Ranjan Kumar and Pratyush	Early Detection of Influenza Using Machine Learning Techniques
32	118	Akshat Agrawal and Sanjay Misra	iReportNow: A Mobile Based Lost and Stolen Reporting System
33	126	Ankur Chaturvedi, Vikram Rajpoot, Meghansh Bansal and Hanuman Das Agrawal	An analysis of different Machine Learning Algorithms for Image Classification
34	147	Chaman Verma, Zoltán Illés and Veronika Stoffová	Technology Based University Identification model for Real-Time
35	132	Nidhi Nidhi and Kirti Pal	Optimal Thermal Coordination Dispatch for Demand Side Management

S.N.	ID	Authors	Title
		Session 6: 15:30 to 17:00 Hrs	**Session Chair: Dr. Veronika Stoffova,Trnava University in Trnava, Slovakia & Dr. Yugal Kumar, Jaypee University of IT, India**
36	155	Neha Thakur, Avtar Singh and Amrit Lal Sangal	Comparison of Multi-Criteria Decision-Making Techniques for Cloud Services Selection
37	158	Partha Pratim Deb, Diptendu Bhattacharya and Indranath Chatterjee	FUZZY TIME-SERIES MODELS BASED ON INTUITIONISTIC FUZZY, ROUGH SET FUZZY AND DIFFERENTIAL EVOLUTION
38	160	Moohanad Jawthari and Veronika Stoffova	OULAD Learners' Withdrawal Prediction Framework
39	162	Deepti Agrawal, Apurva Agarwal and Dilip Kumar Sharma	Content Based Image Retrieval (CBIR): A Review
40	163	Saumya Borwankar, Dhruv Shah, Jaiprakash Verma and Sudeep Tanwar	Automatic Speech Emotion Recognition using Cochleagram features
41	135	Rahul Sharma and Dr. Amar Singh	Biotic Disease Recognition of Cassava Leaves using Transfer Learning

S.N.	ID	Authors	Title
		Session 7: 15:30 to 17:00 Hrs	**Session Chair :Dr. Viktória Bakonyi, University of Eötvös Loránd, Hungary, Co-Session Chair: Chaman Verma, Eötvös Loránd University (ELTE), Hungary**
42	164	Mudasir Hamid Sheikh, Prof. Sonu Mittal and Dr. Rumaan Bashir	An Analysis of various Machine Learning Classification Techniques used for diseases prediction: A Review
43	171	Nishtha, Devaashish Sharma and Manu Sood	Perturbation by Sybil Attack in Clustering for Open IVC Networks (COIN) Protocol – A Protocol in Cluster-Based Routing Category for Infrastructure-less VANETs
44	172	Vivechana Maan and Aruna Malik	Genetic Algorithm Application on 3-D Pipe Routing: A Review
45	175	Pradeep Verma and Dr. Poornima Tyagi	Credit Card Fraud Transaction Classification using Improved Class Balancing & Support Vector Machines
46	176	Kartik Bhatia, Anupam Singh, Anamol Verma and Dipansh Mittal	An Improved Lossless Algorithm For Text Compression
47	178	Pankaj Rahi, Sanjay P. Sood and Rohit Bajaj	Meta-heuristic with Machine Learning based Smart E-Health System for Ambient Air Quality Monitoring

		9 June, 2021 (Wednesday), Day 2 Schedule	
		Keynote Talk 3: 11:00 to 11:30 Hrs (IST) 9 June, 2021	**Title of the talk: Internet of Things: Intelligent Vulnerability Assessment Framework by Dr. Yashwant Singh, Central University, J&K, India**

S.N.	ID	Authors	Title
		Session 8: 11:30 to 13:00 Hrs	**Session Chairs :Dr. Pljonkin Anton Pavlovich, Southern Federal University, Russia & Dr. Ashutosh Mishra, Yonsei University, South Korea**
48	179	Pankaj Rahi, Sanjay P. Sood and Sanjay Kumar Sharma	Smart eHealth System for Pervasive Healthcare
49	183	Sandeep Rathor, Afreen Hasan and Ankur Omar	Identification and Rescue of Missing Person using Fusion of KNN and SVM approach
50	193	Zakarya Farou, Sofiane Ouaari, Balint Domian and Tomas Horvath	Directed Undersampling using Active Learning for Particle Identification
51	205	Mohit Saini and Rakesh Saini	Smart Agriculture Using Internet of Things: An Empirical Study
52	156	Priya Shrivastava and Dilip Kumar Sharma	A Sentiment Detection Tool for Multiple Domains
53	182	Praveen Kumar	Next Generation Wireless Communication: Facilitated by Machine Learning

S.N.	ID	Authors	Title
54	219	Praveen Kumar	Artificial Intelligence with Enhanced Prospects by Blockchain in the Cyber Domain

Session 9: 11:30 to 13:00 Hrs	Session Chairs : Dr. Maria Simona Raboaca, Faculty of Electrical Engineering and Computer Science, University of Suceava, Romania & Dr. Praveen Kumar Singh, UIDAI, Lucknow, India

S.N.	ID	Authors	Title
55	63	Shailender, Dr. Shelej Khera, Dr. Sajjan Singh and Jyoti	Massive MIMO System – Overview, Challenges and Course of Future Research
56	184	Shaminder Kaur, Lipika Gupta and Balwinder Singh	A simulated approach to evaluate real world timing attack for pass-code breaking system
57	90	Samayveer Singh, Aruna Malik, Pawan Singh Mehra and Pradeep Kumar Singh	DEERS: Design Energy Efficient Routing Scheme for Harsh Environment Monitoring in HWSNs
58	91	Samayveer Singh, Aruna Malik and Pradeep Kumar Singh	ECICM: An Efficient Clustering and Information Collection Method in Heterogeneous Wireless Sensor Networks
59	206	Ruqsar Zaitoon, Ashwani Kumar and Syed Raoof	Current Trends and Future Prospects : Detection of Breast Cancer using Machine learning Techniques
60	209	Soha Maqbool Bhat, Suhaib Ahmed and Vipan Kakkar	Quantum dot Cellular Automata based Design of 4x4 TKG Gate and Multiplier with Energy Dissipation Analysis
61	191	Vinayak Rai, Karan Bagoria, Kapil Mehta, Vandana Mohindru, Kartik Gupta, Lakshya Sharma and Manav Chauhan	CLOUD COMPUTING IN HEALTHCARE INDUSTRIES: OPPORTUNITIES AND CHALLENGES
62	108	Hitesh Vora, Preeti Kathiria, Smita Agrawal and Usha Patel	Neuromorphic Computing: Review of Architecture, Applications, Research Opportunities and Challenges

Last Updated on 7 June, 2021 (5:00 PM IST Time)