	ICRIC-2021 Volume 2 (List of Accepted and Registered Papers for Presentation on 8-9 June, 2021)					
S.N.	ID	Authors	Title			
	27	Sonia and Monika Arora	The Latest Trends in Collaborative Security System			
1		Harsha Vardan Maddiboyina, V A Sankar Ponnapalli and Naresh Kumar A	A Study on the Implementation of Secure VANETs using FPGA			
3	<u>58</u>	Nitasha Bisht and Praveen Kumar Malik	ADOPTION OF MICROSTRIP ANTENNA TO MULTIPLE INPUT MULTIPLE OUTPUT MICROSTRIP ANTENNA FOR WIRELESS APPLICATIONS: A REVIEW			
4		Sushopti Gawade, K.S. Charumathi and Jinesh Melvin	AWRPS-ROBO: Automated Weed Removal and Pesticides Spray			
5		Jyoti Hatte, Shivleela Mudda, Gayathri K.M and Rupali Patil	Millimeter-Wave Dual-Band (32/38 GHz) Microstrip Patch Antenna for 5G Communication			
6		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	<u>71</u>	Karuna Sheel and Dr Anil Sharma	Use of Smart Mobile Applications with IoT in Diseases Prediction System for Apple Orchards			
8		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		Utkarsh Pandey, Dr. Narbada Prasad Gupta and Praveen Malik	Review on Miniaturized Flexible Wearable Antenna for Body Area Network			
10	<u>97</u>	Pooja Dhiman and Dr. Santosh Kumar Henge	ANALYSIS OF PAST PROPOSED APPROACHES IN CLOUD SECURITY BASED ON BLOCKCHAIN TECHNOLOGY			
11	<u>99</u>	Tushar Tyagi, Amit Kumar Singh, Himanshu Sharma and Rintu Khanna	HARMONIC MINIMIZATION IN MULTILEVEL INVERTERS USING ANT LION OPTIMIZATION ALGORITHM			
12	<u>103</u>	Anil Kumar Dubey, Mala Saraswat, Rishu Gupta and Raman Kapoor	Examine the Indian Tweets to Determine Society Emphasis on Novel Corona-viruses (Covid- 19)			
13	105	Dávid Szabó and Zoltán Illés	Real-Time rendering with OpenGL and Vulkan in C#			
13	<u>106</u>	Gaurav Sharma and Sushopti Gawade	Exploring Trust in SDN along with Network Monitoring			
14		Marwah Yaseen, Mohammed B. M. Kamel and Peter Ligeti	Security Analysis and Deployment Measurement of Transport Layer Security Protocol			
16	<u>110</u>	Husam Rajab, Xi Tiansheng and Tibor Cinkler	Improving LoRaWAN Networks Performance Through Optimized Radio Resource Management			
17	<u>111</u>	Mohammed B. M. Kamel, Peter Ligeti and Christoph Reich	On Security and Performance Requirements of Decentralized Resource Discovery in IoT			
18	<u>114</u>	Akshat Agrawal and Sanjay Misra	Computational Intelligence Approaches for Heart Disease Detection			
19	<u>116</u>	Akshat Agrawal and Sanjay Misra	Prediction of Students' performance with Artificial Neural Network using Demographic Traits			
20	<u>117</u>	Akshat Agrawal and Sanjay Misra	A Web Application Vulnerability Testing System			
20	<u>118</u>	Akshat Agrawal and Sanjay Misra	iReportNow: A Mobile Based Lost and Stolen Reporting System			
	122	Viktória Bakonyi, Zoltán Illés and Tibor Szabó	Real-time interaction tools in virtual classroom systems			
22		Hamza Abubakar, Mohammed S. Ahmad, Jai Prakash Verma, Sudeep Tanwar and Pradeep Kumar Singh	Context enriched Machine Learning based approach for Sentiment Analysis			
	<u>124</u>	Mala Saraswat, Rishi Saraswat and Renu Bahuguna	Recommending books using RNN			
24	<u>125</u>	Tripti Kunj and Kirti Pal	EV Technology Trends & Placement of Electric Vehicle Charging Station: A Review			
25 26		Ankur Chaturvedi, Vikram Rajpoot, Meghansh Bansal and Hanuman Das Agrawal	An analysis of different Machine Learning Algorithms for Image Classification			
20		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			
28	<u>132</u>	Nidhi Nidhi and Kirti Pal	Optimal Thermal Coordination Dispatch for Demand Side Management			

	<u>134</u>	Punit Gupta and Yagya Malik	Cost aware BAT algorithm for task scheduling in cloud
29			
30	<u>135</u>	Rahul Sharma and Dr. Amar Singh	Biotic Disease Recognition of Cassava Leaves using Transfer Learning
	<u>137</u>	Yuping Yan and Peter Ligeti	Improving Security and Privacy in Attribute-based Encryption with Anonymous Credential
31	140	Szilárd Korom and Zoltán Illés	Systemic thinking in programming education
32	141	Ritu Dewan and Khandakar Faridar Rahman	A Survey on Applications of Unmanned Aerial Vehicles (UAVs)
33			
34		Ms. Jasleen Kaur, Dr. Nikita Jindal, Dr. Brahm Prakash Dahiya and Dr Punam Rattan	Optimal Routing In Wireless Sensor Networks: A Review
35		Sajal Maheshwari, Anushka Sharma, Ranjan Kumar and Pratyush	Early Detection of Influenza Using Machine Learning Techniques
36	147	Chaman Verma, Zoltán Illés and Veronika Stoffová	Technology Based University Identification model for Real-Time
	<u>155</u>	Neha Thakur, Avtar Singh and Amrit Lal Sangal	Comparison of Multi-Criteria Decision-Making Techniques for Cloud Services Selection
37	<u>158</u>	Partha Pratim Deb, Diptendu Bhattacharya and Indranath Chatterjee	FUZZY TIME-SERIES MODELS BASED ON INTUITIONISTIC FUZZY, ROUGH SET FUZZY AND DIFFERENTIAL EVOLUTION
39	<u>160</u>	Moohanad Jawthari and Veronika Stoffova	OULAD Learners' Withdrawal Prediction Framework
40		Deepti Agrawal, Apurva Agarwal and Dilip Kumar Sharma	Content Based Image Retrieval (CBIR): A Review
41		Saumya Borwankar, Dhruv Shah, Jaiprakash Verma and Sudeep Tanwar	Automatic Speech Emotion Recognition using Cochleagram features
42		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	<u>171</u>	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
43	<u>172</u>	Vivechana Maan and Aruna Malik	Genetic Algorithm Application on 3-D Pipe Routing: A Review
44	<u>175</u>	Pradeep Verma and Dr. Poornima Tyagi	Credit Card Fraud Transaction Classification using Improved Class Balancing & Support Vector Machines
46		Kartik Bhatia, Anupam Singh, Anamol Verma and Dipansh Mittal	An Improved Lossless Algorithm For Text Compression
47	<u>178</u>	Pankaj Rahi, Sanjay P. Sood and Rohit Bajaj	Meta-heuristic with Machine Learning based Smart E-Health System for Ambient Air Quality Monitoring
48		Pankaj Rahi, Sanjay P. Sood and Sanjay Kumar Sharma	Smart eHealth System for Pervasive Healthcare
49	<u>183</u>	Sandeep Rathor, Afreen Hasan and Ankur Omar	Identification and Rescue of Missing Person using Fusion of KNN and SVM approach
50		Zakarya Farou, Sofiane Ouaari, Balint Domian and Tomas Horvath	Directed Undersampling using Active Learning for Particle Identification
51	<u>205</u>	Mohit Saini and Rakesh Saini	Smart Agriculture Using Internet of Things: An Empirical Study
	<u>156</u>	Priya Shrivastava and Dilip Kumar Sharma	A Sentiment Detection Tool for Multiple Domains
52 53		Shailender, Dr. Shelej Khera, Dr. Sajjan Singh and Jyoti	Massive MIMO System – Overview, Challenges and Course of Future Research
53		Shaminder Kaur, Lipika Gupta and Balwinder Singh	A simulated approach to evaluate real world timing attack for pass-code breaking system
55		Samayveer Singh, Aruna Malik, Pawan Singh Mehra and Pradeep Kumar Singh	DEERS: Design Energy Efficient Routing Scheme for Harsh Environment Monitoring in HWSNs
56		Samayveer Singh, Aruna Malik and Pradeep Kumar Singh	ECICM: An Efficient Clustering and Information Collection Method in Heterogeneous Wireless Sensor Networks
57	<u>206</u>	Ruqsar Zaitoon, Ashwani Kumar and Syed Raoof	Current Trends and Future Prospects : Detection of Breast Cancer using Machine learning Techniques
	<u>182</u>	Praveen Singh	Next Generation Wireless Communication: Facilitated by Machine Learning
58			

59		Soha Maqbool Bhat, Suhaib Ahmed and Vipan Kakkar	Quantum dot Cellular Automata based Design of 4x4 TKG Gate and Multiplier with Energy Dissipation Analysis				
60		Hitesh Vora, Preeti Kathiria, Smita Agrawal and Usha Patel	Neuromorphic Computing: Review of Architecture, Applications, Research Opportunities and Challenges				
61		Vinayak Rai, Karan Bagoria, Kapil Mehta, Vandana Mohindru, Kartik Gupta, Lakshya Sharma and Manav Chauhan	CLOUD COMPUTING IN HEALTHCARE INDUSTRIES: OPPORTUNITIES AND CHALLENGES				
62	<u>219</u>	Praveen Kumar	Artificial Intelligence with Enhanced Prospects by Blockchain in the Cyber Domain				
Last U	Last Updated on 7 June, 2021 (4:00 PM IST Time)						