

2022 7th International Conference on Computing, Communication and Security (ICCCS 2022)

**Seoul, South Korea
3 – 5 November 2022**



**IEEE Catalog Number: CFP22O35-POD
ISBN: 979-1-3503-0991-1**

**Copyright © 2022 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP22O35-POD
ISBN (Print-On-Demand):	979-8-3503-0991-1
ISBN (Online):	979-8-3503-0990-4

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Table Of Content

1. A Study on Exploit Development-Rosy Chadha, G Shreyan Shalom, Vivek Kumar Anand, Agam Goel.....1
2. Mining of Microsatellites in Genomic Data Using a Hybrid Approach with Range Tree Applications- Umang, P K Bharti, Akhtar Husain.....8
3. Empirical Evaluation of in silico Microsatellites Mining Tools Designed Using Nextgen Technology in Crops- Umang, P K Bharti, Akhtar Husain.....12
4. Comparative Study of Ransomwares- Vivek Kumar Anand, Karunesh Bamanjogi, Aryan Raj Shaw, Mahak Faheem.....17
5. A comparative analysis of stock price prediction techniques- Kuldeep Singh, M.P. Thapliyal, Varun Barthwal.....26
6. A Comparative Study of Different Convolution Neural Network Architectures for Hyperspectral Image Classification- Manoj Kumar Singh, Brajesh Kumar.....30
7. PDF Malware Analysis- Md Yusuf Khalil, Vivek, Kumar Anand, Antarlina Paul, Rahul Grover.....36
8. IMPACT OF AI ON THE BANKING INDUSTRY 4.0- Prenjal Tayal, Neha Rastogi, Tarunpreet Kaur Ahuja, Shagun Tyagi, Kapil Joshi, Yasmin Makki Mohialden.....40
9. Sensor based Smart Plant Monitoring using IOT and Deep Learning: A Systematic Approach- Sukhdeep Kaur, Kapil Joshi, Mudduluru Charan Teja, Ajay Singh, Amen A. Khabeer, Sunil Shukla.....44
10. Uses of Social Media and Computer Technologies for Guest Satisfaction and Recommendation Analysis using Machine Learning In Hotels- Sagar Bhatt, Rakesh Dani, Deepanshu Girsra, Rashmi kuksal, Kapil Joshi, Ashulekha Gupta.....48
11. Acceptance of the Nanotechnology in the Food Industry for customer Satisfaction- Sagar Bhatt, Rakesh Dani, Sonu Kumar Katnoriya, Yashwant Singh Rawal, Ashulekha Gupta, Kapil Joshi.....54
12. A Novel Scheme For Feature Selection Using Filter Approach- Damodar Patel, Amit Kumar Saxena, Suman Laha, Gulame Mustafa Ansari.....60
13. Machine Learning approaches for Crop Yield Prediction: A Review- Malika Kulyal, Parul Saxena.....64
14. Significant Impact of 5G Technology worldwide: With special reference to specific industries and Countries- Prakash Sindhwal, Neha Rastogi, Megha Sharma, Shagun Tyagi, Kapil Joshi, Yasmin Makki Mohialden.....71
15. Internet of things (IoT) applications and Challenges: A Study- Rajesh Kumar, Harishchander Anandaram, Kapil Joshi, Vivek Kumar, Jadeep Reshi, Rakesh Kumar Saini.....75
16. Effect of Genetic Algorithm in Optimizing Deep Structured Petroleum Reservoir Classifier- Rakesh Kumar Pandey, Anil Kumar, Akhilesh Kumar Sharma, Akhilesh Kumar Sharma, Ha Huy Cuong Nguyen.....81
17. Machine Learning based Sentiment Analysis of Hindi Data with TF-IDF and Count Vectorization- Ashwani Gupta, Utpal Sharma.....85
18. AI/ML Based new smart customer feedback system for hospitality Industry- Ramnarayan, Kapil Joshi, Jagdeep Reshi, Minakshi Memoria, Ashulekha Gupta, Neha Rastogi.....90
19. A Health-Care Architecture Based on EnergyEfficient Cloud Computing- Sunil Ghildiyal, Kapil Joshi, Puneet Kanti, Minakshi Memoria, Ajay Singh, Ashulekha Gupta.....94
20. Satellite Image Classification and Change Detection: A Case Study of Almora Town, Uttarakhand, India- Prachi Joshi, Parul Saxena.....100

21. MAMMOGRAM IMAGE CLASSIFICATION USING VARIOUS MACHINE LEARNING ALGORITHMS- Arpita Joshi, Ashish Mehta.....106
22. Analysis and Prediction of Heart Attack using Machine Learning Models- Paras Negi, Manoj Kumar Bisht.....111
23. Industry 4.0 Application in the Hospitality and Food Service Industries- Sunil Ghildiyal, Kapil Joshi, Gunjan Rawat, Ajay Singh, Minakshi Memoria, Ashulekha Gupta.....115
24. Internet of Things: A Survey on Air Pollution Monitoring, Challenges and Applications- Sarita Jiyal, Jitendra sheetlani, Rakesh Kumar Saini.....122
25. Recent advances in 5G and beyond- Shivangi Mishra, Alka Chaudhary, Anil Kumar.....128
26. Technology & HealthCare in the Coming Era- Kuenzang Lhamo, Deepa Gupta, Alka Chaudhary, Anil Kumar.....132
27. Solutions of Second Order Homogenous Linear Differential Equation-Naveen Mehra, S. K. Chanyal.....137
28. Blockchain in HRM: Application and Future Perspective- Namrata Meharwal, Rajesh Kumar, Neha Rastogi, Shagun Tyagi, Kapil Joshi, Nadia Mahmood Hussien.....141
29. New Applications in Computing Using Intuitionistic Fuzzy Set Approach-Anita Kumari, Deepak Kumar.....146
30. Internet of things (IoT) in Agriculture- Devanshi Sharma, Alka Chaudhary, Anil Kumar....151
31. Fuzzy Reliability Evaluation Using Pythagorean Fuzzy Set Approach Emphasizing Score Function and Accuracy Function-Supriya, Suneel Kumar, Deepak Kumar.....155
32. Reliability analysis of different complex systems using intuitionistic trapezoidal fuzzy number-Jaya Bhadauria, Sudha Rana, Anita Kumari, Deepak Kumar.....161