

# 3<sup>rd</sup> International Conference on “Emerging Trends and Technologies on Intelligent Systems”

Day 1: 23<sup>rd</sup> February 2023, Thursday (14:30-17:30)

## PARALLEL SESSIONS

### Session 1: Information, Network & Cyber Security

**Session Chair & Invited Talk by:** Prof. Emil Pricop, Petroleum-Gas University of Ploiesti, Romania

**Topic:** “Security and resilience challenges for control systems in the Industry 5.0 and post-COVID era”

S. No.	Author	Paper Title
1	Fouad Daidai	Blockchain technology and its impact on the accounting (378)
2	Legenda Prameswono Pratama, Dessy Andriyani, Arisa Olivia Putri, Anindya Ananda Hapsari, Devan Junesco Vresdian and Muhammad Aldiansyah	A Review Paper on Performance Evaluation and Routing on VANET Architecture (2816)
3	Pradeep Kumar Tiwari, Narendra Kumar Shukla, Vinod Kumar and Animesh Tripathi	An efficient road side unit assisted sender authentication protocol for secure message transmission in Vehicular Ad-Hoc Networks (6134)
4	Khushboo Gupta, Vinod Kumar	A provably secure ECC-based key distribution scheme for secure message transmission in Vehicular Ad hoc Networks (7442)
5	Shubham Garg, Kiran Walia, Sushree Sila P. Goswami, and Gaurav Trivedi	Design of Blockchain Mining Algorithms for ASIC Implementation (7904)
6	Mr. Ankit Singhal, Mr. Akshat Jain, Dr. Latika Kharb	HacXBear: An Android App to Safeguard Mobile Theft (5743)
7	Dipti Pawade, Avani Sakhapara, Hardik Jain, Riya Rege, Sparsh Gupta, Devansh Shah	AutoMeta- an Integrated Car Identification System Based on Blockchain (5363)

### Session 2: Quantum Computing & Hybrid Intelligent Systems

**Session Chair & Invited Talk by:** Prof. Xin-She Yang, Middlesex University, London

**Topic:** “Nature-Inspired Optimization Algorithms: Insights and Discussions”

S.No.	Author	Paper Title
1	Nagendra Singh, Abhishek Tiwari, and Vivek Khaneja	Federated Machine Learning Architecture for Heterogeneous Quantum Devices (582)
2	Gajendra Malviya, AkashNarayanan B, and Janani Seshadr	Logistics Network Optimization using Quantum Annealing (4771)
3	Kavita, Rajender Singh Chhillar	Facial Expression Recognition Based on Convolution Neural Networks and Edge Computing (6361)
4	Akshay Utane and Dr. S. W. Mohod	Hybrid Architecture for Traffic Light Recognition Using Deep CNN and Ensemble Machine Learning Model (1492)
5	Keerthi R, Likith Kumar M V, Srishail K Bilgundi and H Pradeepa	Performance Estimation of Lithium-Ion Batteries in Electric Vehicles (7020)
6	Zainab Aizaz, Kavita Khare and Aizaz Tirmizi	Exploiting Pixel Redundancy and approximate computing for efficient Hardware-Software Co-design of CNN on IoT Edge Devices (6393)
7	Greeshma Sharma, Piyush Kirode, Harsh Korla, Aakash Deep, Priyanka Jain, Naveen Kumar Jain	EEG-based real-time prediction of cognitive state on smart-phone (2009)

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## PARALLEL SESSIONS

### Session 3: AI & ML

Session Chair & Invited Talk by: Prof. Arpan Kar, IIT Delhi

S.No.	Author	Paper Title
1	Femi T. Johnson, Adebukola Onashoga, Ibharaolu Thomas, Opakunle Victor, and Adenusi Cecilia	WORK-PERF: An Intelligent Predictive Model for Work Performance Rating (472)
2	Kavita Sethia, Anjana Gosain and Jaspreet Singh	Review of Single Imputation and Multiple Imputation techniques for handling missing values (755)
3	Shawni Dutta, Samir Kumar Bandyopadhyay, Midhunchakkaravarthy Janarthanan and Payal Bose	An Intelligent Approach for Investigating Water Quality Using Machine Learning Models (972)
4	Lakshya Singh, Shailesh Khapre, Ashish Patle	Comparative Study In The Diagnosis of Parkinson’s Disease Using Machine Learning (2021)
5	Isma Uzayr Mohamad Zamri, Mohd Amiruddin Abd Rahman and Caceja Elyca Bundak	Prediction of Lattice Constant of Pyrochlore Compounds Using Optimized Machine Learning Model (2309)
7	Adheer A.Goyal, N. Bindu Madhavi, Jikku Susan Kurian, Mustafizul Haque, Mohammed Shafiuddin, Kamal Upreti	Effectiveness of Artificial Intelligence for Enhancing Decision Making Process of Recruitment in HRM Process (4949)

### Session 4: Emerging Trends and Technologies

Session Chair & Invited Talk by: Prof. Arvinder Kaur, GGSIPU, Delhi

S. No.	Author	Paper Title
1	Nur Uddin, Hendi Hermawan, Teddy M. Darajat, and Setiari Marwanto	IoT-Based Monitoring System for Hydroponics: Design and Implementation (2290)
2	Cosmina – Mihaela Rosca	New Algorithm to Prevent Online Test Fraud Based on Cognitive Services and Input Devices Events (2742)
3	Balayogi G and Kuppusamy K S	Touch Pointer Movement based PIN Entry in Smartphones to Assist Persons with Visual Impairments (2854)
4	Disha Dhore, Sakshi Dixit , Akanksha Mulik , Kedar Nagnathrao Ghogale Shankar Naik Rathod Karamtoth , Binay Kumar and Manoj Khare	Survey Paper on Detection of Water Bodies in Satellite Imagery (4197)
5	Rahul Kumar Gupta, Pushparaj Shetty D, Sonali Chakraborty	An approach for efficient graph mining from big data using Spark (2511)
6	Prof. Swati Jadhav, Saurabh Parate, Preet Bhundia, Gitesh Patil, Rahul Sharma	Decentralized Market for Spices using Hyperledger (4239)
7	Leena Sharma and Gaurav Verma	Identify the Need for Rain Water Harvesting System (RWHS) in India using Rainfall Data Analysis (3432)