

1. Record Nr.	UNINA9910483731703321
Titolo	Inventive systems and control : proceedings of ICISC 2021 ; Coimbatore, India, 7-8 January 2021 // V. Suma [et al.] editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] ©2021
ISBN	981-16-1395-8
Descrizione fisica	1 online resource (XXIX, 995 p. 521 illus., 398 illus. in color. )
Collana	Lecture Notes in Networks and Systems ; ; Volume 204
Disciplina	620.001171
Soggetti	Systems engineering Electronic systems Artificial intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Knowledge Graphs in Recommender Systems -- Chapter 2. Cyberbullying Detection on Social Media using SVM -- Chapter 3. Ultraviolet Radiation in Healthcare Applications: A Decades-old Game Changer Technology in COVID'19 -- Chapter 4. Multi-agent Ludo Game Collaborative Path Planning based on Markov Decision Process -- Chapter 5. An Analysis of Epileptic Seizure Detection and Classification using Machine Learning based Artificial Neural Network -- Chapter 6. Improving Image Resolution On Surveillance Images using SRGAN -- Chapter 7. Smart City: Recent Advances and Research Issues -- Chapter 8. HOUSEN: Hybrid Over-Under Sampling and Ensemble Approach for Imbalance Classification -- Chapter 9. E-Pro: Euler Angle and Probabilistic Model for Face Detection and Recognition -- Chapter 10. Classification of Covid-19 Tweets Using Deep Learning Techniques -- Chapter 11. Applied Classification Algorithms used in Data Mining During the Vocational Guidance Process in Machine Learning -- Chapter 12. Meta-heuristic Algorithm for the Global Optimization: Intelligent Ice Fishing Algorithm -- Chapter 13. Progression of EEG-BCI Classification Techniques : A Study -- Chapter 14. Cuckoo Scheduling Algorithm for Lifetime Optimization in Sensor Networks of IoT -- Chapter 15. Design & Development of an Automated Snack Maker with CNN based Quality Monitoring.

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## Sommario/riassunto

This book presents selected papers from the 5th International Conference on Inventive Systems and Control (ICISC 2021), held on 7-8 January 2021 at JCT College of Engineering and Technology, Coimbatore, India. The book includes an analysis of the class of intelligent systems and control techniques that utilises various artificial intelligence technologies, where there are no mathematical models and systems available to make them remain controlled. Inspired by various existing intelligent techniques, the primary goal is to present the emerging innovative models to tackle the challenges faced by the existing computing and communication technologies. The proceedings of ICISC 2021 aim at presenting the state-of-the-art research developments, trends, and solutions for the challenges faced by the intelligent systems and control community with the real-world applications. The included research articles feature the novel and unpublished research works on intelligent system representation and control.

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