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Soggetti	Internet of things Cooperating objects (Computer systems) Wireless communication systems Mobile communication systems Artificial intelligence Data protection Internet of Things Cyber-Physical Systems Wireless and Mobile Communication Artificial Intelligence Data and Information Security
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Nota di contenuto	Jaundice stages prediction using supervised machine learning -- Pleural pathologies detection using capacitive sensors -- Navigating the Complexities of Indoor Air Quality: Critical Analysis of Key Pollutants and Monitoring Sites -- Automated Irrigation and Hazard Detection Using IoT for Sustainable Farming -- A Deep Attention Network Based Approach For Healthcare Provider Fraud Detection -- Bacterial Blight Diseases (BBD) Detection Using Artificial Intelligence: A Systematic Review -- GSM Based Solar Powered Vehicle Accident Detection System -- Key Determinants of Soil Erosion: Insights using Machine Learning Algorithm -- A LoRa WAN-Enabled Smart Automation Framework for Industrial Applications: Performance and Efficiency --

Predictive Energy Management System for Hybrid Electric Vehicles with IoT-Driven Sensors -- Enhanced Content-Based Image Retrieval Using ConvNeXt with Relevance Feedback -- IOT based Prepaid Energy Meter with Stealing Alert -- Diagnosis of Varicose Veins of the Lower Limbs Based on Infrared Thermography -- Machine Learning Approaches for 5G Coverage Prediction: A Comparative Study of Algorithms and Feature Contributions.

Sommario/riassunto

This book includes original, peer reviewed research articles from 6th International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications (ICMISC 2025), held in March 28–29, 2025 at CMR Institute of Technology, Hyderabad, India. It covers the latest research trends and developments in areas of machine learning, smart cities, IoT, artificial intelligence, cyber-physical systems, cybernetics, data science, neural network and cognition.
