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Autore	Singh Pankaj Pratap
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Nota di contenuto	-- Artificial Intelligence. -- Efficient Depression Detection through Two EEG Electrodes with Wave-SpatialNet. -- A GIS based Spatial Supervised Machine Learning Classification of LISS-III Satellite Imagery. -- Deep Learning-Enhanced Biometric Authentication with Distributed Storage. -- A Machine Learning Based Approach for Automatic Crop Recommendation System. -- Performance Evaluation of Machine Learning Classifiers with Grid Search Hyperparameter Tuning for sEMG Signal Classification. -- Predicting Insurance Premium for Life Insurance Applicants using Machine Learning. -- Enhancing Chronic Kidney Disease Prediction Using Explainable Machine Learning Models. -- Impact of Image Resolution and Class Complexity on QCNN Performance. -- Hybrid Decision Tree and Genetic Algorithm for Enhanced Classification Accuracy. -- Artificial Intelligence, Customer Engagement, and Customer Loyalty: A Framework of Assam Based Tourism. -- Data Science. -- A Multimodal Biometric Based on Audio and Visio Trait: A Review. -- Attention-based Efficient CNN-GRU Architecture for Human Action Recognition. -- DeepIntrospector: On designing an alert-fusion based hybrid VMM-IDS framework for effective threat identification. -- Assessing Legal Awareness and the Need for Regional Legal Technology: Insights from a Survey-Based

Study. -- Pressmatch: A Data-Driven Framework to Automate Journalist Recommendation for Media Coverage. -- AndroV-Rank: Optimized Android Malware Detection through VIKOR-Ranked Hybrid Features. -- NLP Tools and Resources to Revitalize Potentially Vulnerable Low Resourced Kudmali Language: A Brief Overview. -- Enhancing Sentiment Analysis: A Robust Approach to Fake Review Detection Using Feature Fusion. -- A Multidimensional Approach to Context-Aware Cyberbullying Detection Through Metadata Analysis. -- Machine learning approach to predict the power conversion efficiency of CsSnI3 based solar cell. -- Computing. -- Cloud-Based EHR Security Using Hybrid Cryptographic Techniques. -- A High Capacity Non-Blind 3D Mesh Data Hiding Technique. -- Exploring Word Prediction in Bodo: A Step Toward Low-Resource Language Processing. -- A Dynamic Load Balancing Approach in Software-Defined Network. -- Energy-Efficient Hybrid GA-PSO Resource Scheduling for Digital Twin-Oriented IoT Applications in Mist Computing. -- Computer Vision. -- Coffee Leaves Rust Detection using YOLOv8. -- A Comparative Analysis of Deep CNN Models for classifying Plant Leaf Disease. -- Multi-Modal Aerial Surveillance for Dynamic Crack Detection on Indian Roads. -- Hand Gesture Detection of Sattriya Dance Utilizing Deep learning and Handcrafted Features. -- Ship Segmentation in Satellite Imagery using Cross-modal Attention Integrated High-Resolution Network. -- Enhanced Deepfake Detection and Classification Using Vision Transformers (ViT). -- Convolutional Neural Network-based Model for Breast Cancer Classification. -- Integrating Aerial and Ground level image data for Leaf and Stem Rust Detection using Texture and color Features. -- SegCapNet: Enhancing E-Commerce Visual Search with U2-Net Segmentation and BLIP Captioning. -- Real-Time Speed Estimation, License Plate Recognition of Detected vehicles for the Intelligent Traffic Management System. -- Intelligent Deep Learning Based Feature Fusion Model for Remote Sensing Image Analysis. -- EfficientNetV2 based approach for disease detection in Mango plant leaves using drone images.

Sommario/riassunto

This book constitutes the revised selected papers of the second International Conference on Intelligent Computing and Technologies, ICTCon 2024, held in Kokrajhar, India, during December 2–3, 2024. The 37 full papers were presented in this volume were carefully reviewed and selected from 103 submissions. These papers were organized into the following topical sections: Artificial Intelligence; Data Science; Computing; and Computer Vision.