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Nota di contenuto	Reviving Lost Artworks: Recreating Historical Pieces from Descriptions and Fragments -- A Study on Integration of Remote Sensing and Geographical Interface System Technologies for Assessment of Sustainable Management of South Indian Mangrove -- Smart Shelf-Life Monitoring System for Real-Time Shelf-Life Assessment and User Feedback Integration Using RaspberryPi and ATmega256RFR2 Sensors -- LaneGuard: An AIPowered RealTime Monitoring System for Cycle Lane Violation Detection -- Zika Virus Prediction In Health Care Using Ai And Optimization Techniques -- Solving Capacitated Vehicle Routing Problem with Lower-Bound Capacity Constraints Using Local Search Strategy -- AI-Powered Resume Parsing and Candidate Scor-ing for Efficient Hiring Workflows -- Taym Pers!: A Hybrid Web Series and Social Media Campaign about the Role of Parents' Intervention in Children's Digital Media Exposure and Early Development -- API Development Learning Platform -- Generative AI in Multimedia Arts

Courses: Benefits and Limitations -- GUBATA!: 360 Interactive Video About the Lives of Critically Endangered Species in the Philippines -- SenseAble: An Assistive Application for Specially Abled Children -- Portable Signboard Size Measurement for Tax Collection -- Identification of Cardiac Risk from Retinal Fundus Image using Hybrid CNN-Transformer-Ensemble Model -- Development of a Machine Translation Evaluation Metric Using Quantum Machine Learning -- Dynamic Traffic Signal Operation -- Unix Inspired Digital Twin Framework for IoT Network -- Direct Dine: A Smart Solution for a Seamless College Canteen Experience -- A Performance Evaluation of a Semantic Search Engine for Chemical Food Laboratories Using MapReduce -- Fake News Detection in Bengali Using Hybrid Summarization and Transformer-Based Embeddings -- Explainable Ai For Diabetic Retinopathy Detection -- Comparative Analysis of Quantum LSTM and Classical LSTM Models -- Soul Changer Bot – AI-Driven Emotional Companion for Gen Z Challenges Using LLaMA2 and QLoRA -- Evaluation of Hindi-Sindhi Machine Translation Systems -- A Comparative Study of Otsu Thresholding and GrabCut for Image Segmentation on Dataset of Paralysis affected patients -- DPEGNet: Dual-Path Autoencoder with Graph Convolution for Joint Texture and Minutiae Feature Learning in Contactless Fingerprint Recognition -- Multimodal Deepfake Detection using Deep Learning models -- Design and Development of an Autonomous Robot for Fire Fighting Application -- A Survey on advancement of EMG-Hand Gesture Recognition -- The Success of Cloud–based E–learning System: Evidence from Vietnam -- Laser Pigeon Deterrent -- Optimizing Cloud Computing: Effective NLP-based corrective approach for Resource Label Management -- LLM based efficient framework for dense video captioning -- Implications of Teaching a Low Resourced Language Through Machine Translation -- Examining Mental Health, Using The Behaviour On Social Media -- Energy-Efficient and Reliable Communication for Wireless Body Area Network using optimal routing algorithm -- Improving Anonymity of e-voter in Blockchain Environment using ring signature -- Hybrid Archimedes-Osprey Algorithm to Enhance Economic Load Dispatch in Renewable-Integrated Smart Grids -- System Development for Digital Leadership Administration: A Critical Review -- A Comprehensive Deep Learning Framework for Physical Vehicle Fitness Testing and Document Validation -- CAMS-X: Extending the Context-Aware Mobile Systems Framework for Cross-Platform Development with Ionic -- Comparitive Study Of The Laboratory Compaction Methods Using Pristine & Recycled Aggregates -- Enhancing Road Safety: LiDAR and Machine Learning for Pothole Detection -- Real-Time Chroma Key Monitoring: Enhancing Camerawork Precision in Smart Studio Environments -- Reduction of redundant alerts by relationship discovery based on port usage -- A Survey on Advanced Recommendation Systems: Content-Based Filtering, Collaborative Filtering, Hybrid and Opinion Mining Approaches -- Hybrid Approach for Optimizing Anti-Cancer Drug Combinations: A Comprehensive Review -- Enhancing Stock Market Surveillance Using Machine Learning Algorithms For Fraud Detection -- Securing 4-State QR codes using a Hybrid Encryption Model -- Green Communication Systems and Networks: Sustainable Practices for Odia Communication and Rural Connectivity -- ECG Abnormality Detection using Xilinx Artix-7 Basys 3 FPGA: Optimized Diagnosis with Golomb-Rice Coding -- Can Radiomics Based Models Survive Across MRI Scanners?.

Sommario/riassunto

This book gathers papers addressing state-of-the-art research in all areas of information and communication technologies and their applications in intelligent computing, cloud storage, data mining, and

software analysis. It presents the outcomes of the 9th International Conference on Information and Communication Technology for Intelligent Systems (ICTIS 2025), held in Bangkok, Thailand. The book discusses the fundamentals of various data analysis techniques and algorithms, making it a valuable resource for researchers and practitioners alike.