1. Record Nr. UNINA9910983088303321

Autore	Saini Mukesh Kumar
Titolo	Agricultural-Centric Computation : Second International Conference, ICA 2024, Delhi, India, May 21–24, 2024, Revised Selected Papers / / edited by Mukesh Kumar Saini, Neeraj Goel, Matias Miguez, Dhananjay Singh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031744402 3031744403
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (378 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2207
Altri autori (Persone)	GoyalaNiraja MiguezMatias SinghDhananjay
Disciplina	006.3
Soggetti	Artificial intelligence Computer networks Machine learning Data mining Image processing - Digital techniques Computer vision Artificial Intelligence Computer Communication Networks Machine Learning Data Mining and Knowledge Discovery Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Kisaan Margadarshak An AI based Decision Support System for Farmers in India -- Harvesting Insights Unrevealing Paddy Crop Yields Through Advanced Modeling Techniques -- Enhancing Horticulture Field Security Intruder Detection Utilizing Wi Fi CSI Technology with ESP32 Modules -- Negative Affective State Vocalization Analysis of Dairy Cattle using 3D MFCC Features with CNN LSTM Model on an Edge

	Device -- Comparative Analysis of Machine Learning-Based Soil pH Prediction Using Spectral Bands and Indices.
Sommario/riassunto	This book constitutes the proceedings of the Second International Conference on Agricultural-Centric Computation, ICA 2024, held in Delhi, India, during May 21–24, 2024. The 20 full papers and 6 short papers included in this book were carefully reviewed and selected from 79 submissions. This year's conference focuses on how advanced computational techniques can address critical issues in the agricultural sector, such as climate resilience, food security, sustainable practices, biodiversity conservation, soil health, water management, and market access.