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Nota di contenuto	chapter 1 :"Comparative Analysis of Deep Learning Architectures for PCOS Detection: A CrossValidation Approach" -- chapter 2 :Terrain Guard: Smart Landslide Detection and Alert System -- chapter 3 : Comparative Analysis of Balanced a n d Imbalanced Datasets of Human Peripheral Blood Cells using EfficientNet BO-B7 Models -- chapter 4 : Enhancing Lung Cancer Diagonosis through CNN-based Analysis clinical and Histopathological Data -- chapter 5 :"Adaptive Convolutional Neural Network Model for Plant Leaf Disease Detection in Smart Agriculture" -- chapter 6 :Innovative approaches to early disease Detection in Medicinal Plants using Deep Learning Techniques -- chapter 7 :TweetScope: Unlocking Sentiment Insights with Machine Leaming and Deep Leamlna Svnerav -- chapter 8 :Modern Neuro-Fuzzy

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Sommario/riassunto	This book includes high-quality research papers presented at the Eighth International Conference on Innovative Computing and Communication (ICICC 2025), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on 14–15 February 2025. Introducing the innovative works of scientists, professors, research scholars, students, and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications.