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Nota di contenuto	-- Wireless Network Security and Privacy. -- Design and implementation of WiFi-Controlled Robotic Arm to Clean Blackboard. -- Image Semantic Segmentation for Enhanced Communication. -- Performance Analysis of Dadda Multiplier using Kogge Stone Adder. -- Design and Implementation of Unsigned Serial Divider using TG Logic. -- Speed Control of BLDC Motor Using Bi-Directional Converter. -- Direct Torque Controller Of SRM for Application based on Neural Network. -- Performance and Analysis of Cuk Converter for Electric Vehicle Battery Charger Along with Resonant Converter. -- Investigating the Effect of Compression on Face Recognition with OpenCV. -- Artificial Intelligence Research in Computer Network Technology. -- WSafe - A Women Safety Android Application. -- AI applications for 5G/6G. -- Exploring CNN-based Algorithms for

Human Action Recognition in Videos. -- Vision-based Sign Language Recognition and Multilingual Translation for Facilitating Deaf and Mute Communication. -- Advanced AI Surveillance for Human Trafficking and Accident Prevention. -- Trust Forge: Harnessing Machine Learning to Build Trust on Social Networks. -- Database Under Siege: The Hidden Menace of SQL Injection Attacks. -- Search Scrape Assistant application using RPA tool. -- LS-DYNA-Based Car Frontal Fascia Simulation During Collision. -- INTEGRATED SMART FOOTWEAR: ADVANCE HEALTH MONITORING AND ENERGY HARVESTING. -- Effective Low Leakage 6T and 8T SRAM using CMOS 90nm Technology.

Sommario/riassunto

This two-volume set, LNICST 601 and LNICST 602, constitutes the refereed post-conference proceedings of the 14th International Conference on Broadband Communications, Networks, and Systems, BROADNETS 2024, held in Hyderabad, India, in February 16–17, 2024. The 49 full papers presented here were carefully reviewed and selected from 122 submissions. These papers have been organized under the following topical sections in the two volumes: - Part I: Communications, Networks and Architectures; Smart City Smart Grid; Communication-inspired Machine Learning (ML) for 5G/6G. Part II: Wireless Network Security and Privacy; AI applications for 5G/6G. .
