

1. Record Nr.	UNINA9910734870503321
Autore	Dhar Sourav
Titolo	Advances in Communication, Devices and Networking : Proceedings of ICCDN 2022 // edited by Sourav Dhar, Dinh-Thuan Do, Samarendra Nath Sur, Chuan-Ming Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819919833 9819919835
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (656 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 1037
Altri autori (Persone)	oinh Thuan SurSamarendra Nath LiuChuan-Ming
Disciplina	621.382
Soggetti	Telecommunication Signal processing Artificial intelligence Nanoelectromechanical systems Communications Engineering, Networks Signal, Speech and Image Processing Artificial Intelligence Nanoscale Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Low Phase Noise Voltage Controlled Oscillator using Tunable SIW cavity Resonator -- Design and Analysis of an Efficient NovelMultilayer4:1 MUX Using QCA Technique with Reversibility and Stability -- Investigation of Phosphorene's Sensing Behavior Towards SO <sub>2</sub> F <sub>2</sub> and SOF <sub>2</sub> Gases: A DFT Study -- RFID Based Student Identification Card Attendance Monitoring System -- Analysis of Channel Grading on Triple Material Double Gate Stack Oxide SON MOSFET -- Design of Audio Codec System based on ARM -- Parameters Optimization of YOLO Algorithm for Vehicle Detection in SMIT Campus -- Textural Analysis of MRI Scan Using Radon Transform -- A Study on Transcontinental Diabetes Datasets Using A Soft-Voting

**Ensemble Learning Approach -- Advancements in Electronic Healthcare: A Bibliometric Analysis -- Impact of Perceived Social Support on Patient Empowerment: A Study of Online Patient Support Groups -- Interfacing of Industrial Inductive Proximity Sensor with NI DAQ and Speed Measurement.**

**Sommario/riassunto**

This book covers recent trends in the field of devices, wireless communication and networking. It gathers selected papers presented at the 6th International Conference on Communication, Devices and Networking (ICCDN 2022), which was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim, India, on December 16–17, 2022. Gathering cutting-edge research papers prepared by researchers, engineers and industry professionals, it helps young and experienced scientists and developers alike to explore new perspectives and offer them inspirations on how to address real-world problems in the areas of electronics, communication, devices and networking.