1.

Record Nr.	UNINA9910483988903321
Titolo	Advances in Intelligent Computing and Communication : Proceedings of ICAC 2020 / / edited by Swagatam Das, Mihir Narayan Mohanty
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-0695-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (713 pages) : illustrations (chiefly color)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 202
Disciplina	621.382
Soggetti	Computational intelligence Artificial intelligence Telecommunication Electric power production Computational Intelligence Artificial Intelligence Communications Engineering, Networks Electrical Power Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Due to the COVID-19 pandemic, this time the conference was organized by virtual mode"--Preface
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1.Classification and Detection of Leaves using Different Image processing Techniques -- Chapter 2. Covid-19 Detection :An Approach Using X-Ray Images and Deep Learning Techniques -- Chapter 3. Covid-19 Detection :An Approach Using X-Ray Images and Deep Learning Techniques -- Chapter 4. Realization of a vehicular robotic system using the principle of photonics -- Chapter 5. A Modified Hybrid Planar Antenna for Cognitive Radio Application -- Chapter 6. Detection of Broken and Good Medical Tablets Using Various Machine Learning Models -- Chapter 7. Lungs Nodule Prediction using Convolutional Neural Network and K-Nearest Neighbor -- Chapter 8. Quantitative Structure Activity Relationships (QSARs) Study for KCNQ Genes(Kv7) and Drug discovery -- Chapter 9. Apple fruit disease detection and classification using k-means clustering method -- Chapter 10. A Detailed Review of the Optimal Distributed Generation Placement in Smart Power Distribution Systems.

Sommario/riassunto   This book presents high-quality research papers presented at the 3rd International Conference on Intelligent Computing and Advances in Communication (ICAC 2020) organized by Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India, in November 2020. This book brings out the new advances and research results in the fields of theoretical, experimental, and applied signal and image processing, soft computing, networking, and antenna research. Moreover, it provides a comprehensive and systematic reference on the range of alternative conversion processes and technologies.