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-- 3.2 Darknet-53 and YOLOv3 CNN -- 3.3 YOLOv3 Algorithm -- 4 Indian Sign Language -- 5 Sign Language Detection Using YOLOv3 Algorithm -- 6 Experiments and Results -- 6.1 Experimental Setup -- 6.2 Results -- 7 Conclusion -- References -- Feature Extraction-Based Phishing URL Detection Using Machine Learning Techniques -- 1 Introduction -- 2 Literature Survey -- 3 Methodology -- 3.1 Existing Methodology -- 3.2 Proposed Methodology -- 4 Implementation -- 4.1 Pseudocode -- 5 Results and Discussions -- 6 Conclusion and Future Scope -- References -- A Slant Transform and Diagonal Laplacian Based Fusion Algorithm for Visual Sensor Network Applications -- 1 Introduction -- 2 Slant Transform -- 3 Diagonal Laplacian (DL) Focus Measure -- 4 Proposed Algorithm -- 5 Performance Measures -- 5.1 Reference Measures -- 5.2 Non-reference Measures -- 6 Simulation Results and Analysis -- 7 Conclusions -- References -- Tracking Industrial Assets Using Blockchain Technology -- 1 Introduction -- 2 Related Work -- 3 Overview -- 3.1 Equip-Chain Architecture -- 3.2 Tracking of Industrial Assets Using Blockchain -- 3.3 Blockchain Implementation Through Application Server -- 4 Working Methodology -- 5 Conclusion -- References -- Prototype for Recognition and Classification of Textile Weaves Using Machine Learning -- 1 Introduction -- 2 Background -- 2.1 Fabrics -- 2.2 Artificial Neural Networks -- 2.3 Bilinear Convolutional Neural Networks -- 2.4 Related Works -- 3 Development -- 3.1 Sampling -- 3.2 Dataset Creation -- 3.3 Pre-processing. 3.4 Model Training -- 3.5 Analysis of Results -- 3.6 Hyperparameters Optimization -- 4 Conclusion and Recommendations -- References -- Development of Deep Neural Network Algorithm for Identification of Cerebral Microstructural Changes in Brain Tumor for Post-COVID-19 Patients -- 1 Introduction -- 1.1 Background -- 1.2 Advantages of CNN for Post-COVID-19 Analysis -- 2 Related Work -- 3 Proposed Method -- 4 Results and Discussion -- 5 Conclusion -- References -- A Codebook Modification Method of Vector Quantization to Enhance Compression Ratio -- 1 Introduction -- 2 Literature Review -- 3 Proposed Method -- 3.1 Compression -- 3.2 Decompression -- 3.3 Memory Requirements for Proposed Method -- 4 Experimental Results -- 5 Conclusion -- References -- Intra Change Detection in Shelf Images Using Fast Discrete Curvelet Transform and Features from Accelerated Segment Test -- 1 Introduction -- 2 Background Study on Change Detection -- 3 Concepts Used -- 3.1 Wavelets -- 3.2 FAST Algorithm -- 4 Proposed Change Detection Algorithm -- 4.1 Misplaced Object Detection and Localization -- 5 Experimental Results and Discussion -- 5.1 Dataset -- 5.2 Results and Discussion -- 6 Conclusion -- References -- Mucormycosis Vaccine Design using Bioinformatic Tools -- 1 Introduction -- 1.1 Reverse Vaccinology -- 1.2 Immunoinformatics -- 1.3 Structural Vaccinology -- 2 Materials and Method -- 2.1 Sequence Retrieval and Analysis -- 2.2 Prediction of B-cell and T-cell Epitopes -- 2.3 Retrieval of the Protein and Epitope Structures -- 2.4 Molecular Docking Studies -- 3 Results -- 3.1 Prediction of Antigenicity and Physicochemical Analysis -- 3.2 B- and T-cell Epitope Prediction -- 3.3 Retrieval of the Protein and Epitope Structures -- 3.4 Molecular Docking Analysis -- 4 Discussion -- 5 Conclusion -- References. Blockchain Implementation in IoT Privacy and Cyber Security Feasibility Study and Analysis -- 1 Introduction -- 2 Security Challenges and Role of Blockchain in IoT -- 2.1 Challenges -- 2.2 IoT Categories -- 2.3 Role of Blockchain and Integration with IoT -- 2.4 Blockchain IoT Market Growth Rate -- 3 Overview of Blockchain Technology -- 3.1 Properties of Blockchain -- 3.2 Types of Blockchain -- 3.3 Categories

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3 Proposed Work.
