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Nota di contenuto	Intro -- Contents -- Design of PID Controller for Integrating Processes with Inverse Response -- 1 Introduction -- 2 Structure of Proposed Control System -- 2.1 Set Point Filter -- 2.2 Tuning of PID Controller -- 2.3 Selection of Tuning Parameter () -- 2.4 Performance Measurement -- 3 Simulation Results and Discussions -- 4 Conclusions -- References -- Environmental Feasibility Survey of Solar Photovoltaic Cells -- 1 Introduction -- 2 Methodology Adopted -- 3 Model Representation -- 4 Results and Discussion -- 4.1 Emanation Investigation for SPV Modules -- 4.2 LCA of Mounting Constructs -- 5 Conclusion -- References -- Intelligent Control Techniques for Parameter Tuning of PID Controller for LFC with Emphasis on Genetic Algorithm -- 1 Introduction -- 2 Model Investigation and Controllers -- 3 Simulation Results -- 4 Conclusion -- References -- Simplified Decoupler Based Fractional Order PID Controller for Two Variable Fractional Order Process -- 1 Introduction -- 2 Fractional Order Control -- 2.1 Fractional Calculus -- 2.2 Fractional Order PID Controller -- 2.3 Fractional Order TITO Process -- 3 Simplified Decoupling Based FO-TITO-PID Controller Design -- 3.1 Controller Design -- 4 Simulation Study -- 4.1 Example 1 -- 4.2 Example 2 -- 5 Conclusion -- References -- Improved Centralized PID Controller with Disturbance Rejection for LTI Multivariable Processes -- 1 Introduction -- 2 Representation of IMC Based Centralized Control

System -- 3 Centralized Control System Design -- 4 Simulation Results -- 5 Conclusions -- References -- Tuning of PID Controller Using SIMC Method for Systems with Time Delay and RHP Poles -- 1 Introduction -- 2 Revised Cascade Control Model -- 3 Procedure for Controller Design -- 3.1 Stabilizing Controller Pc -- 3.2 Set Point Tracker C -- 3.3 Disturbance Rejector F1 -- 3.4 Disturbance Rejector F2.

4 Robust Stability Analysis -- 5 Simulation Examples -- 6 Conclusion -- References -- Independent Controller Design for Non-minimum Phase Two Variable Process with Time Delay -- 1 Introduction -- 2 Proposed Method -- 3 Selection of -- 4 Simulation Studies -- 5 Conclusion -- References -- Control of DC Link Voltage and Load Voltage Variations in a Pitch Angle Controlled PMSG Based Wind Energy Conversion System -- 1 Introduction -- 2 Mathematical Equations Analysis of Wind Turbine -- 3 PAC of Wind Turbine -- 4 Simulink Model of PAC -- 5 Influence on Voltage at PCC and Its Compensation -- 6 Simulation Responses and Its Discussions -- 7 Conclusion -- Appendix -- References -- A Novel Approach of Wind MPPT Using Fuzzy Logic -- 1 Introduction -- 2 Methodology -- 2.1 Block Diagram for Wind MPPT Structure -- 2.2 Fuzzy Based Efficient Wind MMPT -- 2.3 Simulink Structural Design of Suggested Wind MPPT -- 3 Evaluation of Wind MPPT -- 4 Conclusion -- References -- Shale Gas Productive Volume Optimization -- 1 Introduction -- 2 Methods and Procedures -- 3 Results and Conclusions -- 4 Discussion -- References --

A Comparative Study and Validation of Kinematic Analysis of a Crank Rocker Engine Prototype Using MATLAB and ADAMS -- 1 Introduction -- 2 Analytical Analysis of Crank Rocker Mechanism in MATLAB -- 3 Modelling and Simulation in ADAMS -- 4 Results and Discussion -- 5 Conclusion -- References -- Application of Machine Learning Models in Gas Hydrate Mitigation -- 1 Introduction -- 2 Methods and Theory -- 2.1 Least Square Version of Support Vector Machine (LSSVM) -- 2.2 Extremely Randomized Trees (Extra Trees) -- 2.3 Artificial Neural Network (ANN) -- 3 Results and Discussion -- 4 Conclusion -- References -- Analysis of Signal Sensing with Adaptive Threshold for Energy Detector in Cognitive Radio Systems -- 1 Introduction -- 2 Related Works -- 3 Methodology.

3.1 Optimum Threshold Condition -- 4 Conclusion -- References -- Collaborative Design in Concurrent Engineering of Industry 4.0 Through Virtual Reality Simulation in Achieving Accelerated Time-To-Market During COVID-19 (Coronavirus) Pandemic Outbreak -- 1 Introduction -- 2 Collaborative Design in Concurrent Engineering -- 3 Methodology-Virtual Reality Simulation -- 3.1 Stage 1, Tools Accessibility Analysis -- 3.2 Stage 2, Investigate Serviceability Using Human Manikin Virtual Simulation -- 3.3 Stage 3, Tools Clash and Interference Check Using Human Manikin Virtual Simulation -- 4 Case Study-Virtual Reality Simulation -- 4.1 Tools Accessibility Analysis -- 4.2 Investigate Serviceability Using Human Manikin Virtual Simulation -- 4.3 Tools Clash and Interference Check Using Human Manikin Virtual Simulation -- 5 The Role of Industry 4.0 in COVID-19 Pandemic -- 6 Conclusions -- References -- Stability Analysis of Semi-Markovian Discrete-Time Neural Networks with Time-Varying Leakage Delays -- 1 Introduction -- 2 Formulation of the Problem -- 3 Main Results -- 4 Numerical Example -- 5 Conclusion -- References -- Forecasting PM10 Concentration Based on a Hybrid Fuzzy Time Series Model -- 1 Introduction -- 2 Methodology -- 2.1 C-Means Clustering Technique -- 2.2 Hybrid Fuzzy Time Series Model -- 2.3 Model Evaluation -- 3 Results and Discussion -- 3.1 Air Pollution Forecasting -- 4 Conclusion -- References -- Carbonated Water Injection for EOR and CO2 Storage: A Simulation Study -- 1 Introduction -- 2 Simulation

Studies of CWI and Challenges Encountered -- 2.1 Simulation of CWI in ECLIPS300 Compositional Simulator -- 2.2 The Complex Physics Required for Successful Simulation of CWI -- 2.3 Nonequilibrium-Based CWI Simulation -- 3 Simulation Of CWI Using ECLIPSE300 -- 3.1 CW Injection Rate Sensitivity -- 3.2 Effect of CO2 Diffusion During CWI -- 4 Conclusion.

References -- Study of Efficient FIR Filter Architecture for Fixed and Reconfigurable Applications -- 1 Introduction -- 2 Literature Survey -- 3 Proposed Work -- 4 Conclusion -- References -- Improved Deep Learning Based Prediction of Crop Yield Using Bidirectional Long Short Term Memory -- 1 Introduction -- 2 Review -- 3 Methodology -- 4 Result Discussion -- 4.1 Data Set -- 4.2 Metrics Used -- 4.3 Comparison -- 5 Conclusion -- References -- Instrument Cluster IoT Enclosure Design and Production Implementation in Self Driven Vehicles -- 1 Introduction -- 2 Methodology -- 3 Overview of the Development of Enclosure in Solidworks Software -- 4 Results and Discussion -- 4.1 Hardness Test -- 4.2 Salt Spray Test -- 5 Conclusion -- References -- General Adversarial Networks: A Tool to Detect the Novel Coronavirus from CT Scans -- 1 Introduction -- 2 Related Work -- 3 GAN Architectures -- 3.1 GAN -- 3.2 DCGAN -- 3.3 CoGAN -- 3.4 LSGAN -- 4 Experiment -- 5 Results and Discussion -- 6 Conclusion -- References -- VLSI Implementation of Multipliers for Artificial Intelligence Applications: A Survey -- 1 Introduction -- 2 Related Works on Multipliers for AI -- 2.1 Booth Multiplier, Dadda Multiplier, Wallace Multiplier -- 2.2 Vedic Multiplier -- 2.3 Wallace Tree Multiplier with Kogge Stone Adder -- 2.4 Array Multiplier -- 2.5 Array Multiplier with OTFC -- 3 Comparison on Existing Multipliers -- 4 Comparison on Recent Multipliers -- 5 Resultant Efficiency Chart -- 6 Conclusion -- References -- Automated Boneage Analysis Using Machine Learning -- 1 Introduction -- 2 Problem Statement -- 3 Objectives -- 4 Literature Review -- 5 Proposed Work -- 5.1 Input Image -- 5.2 ROI Extraction -- 5.3 Feature Extraction -- 5.4 Classification -- 5.5 Result of Training the Dataset for 120 Images -- 5.6 Result of Training the Dataset for 336 Images -- 6 Classifier Result. 7 Conclusions -- References -- Multi-Class SVM Prediction Model for Lung Cancer Diagnosis -- 1 Introduction -- 2 Literature Survey -- 3 Proposed System -- 3.1 Subject Selection and Dataset -- 3.2 Methodology -- 4 Experimental Results and Discussion -- 4.1 Performance of SVM Classifier Model Based on Features -- 4.2 Prediction Time for Different Kernels -- 4.3 Multi-class SVM Classifier Model Prediction Accuracy -- 5 Conclusion -- References -- Survey on Fire Safety Robot & Implementation of Android Application -- 1 Introduction -- 2 Materials and Method -- 3 Conclusion -- 4 Future Work -- References -- Detection of Emergency Vehicles Using Radio Frequency Identification (RFID) -- 1 Introduction -- 1.1 Different Ranges of RFID -- 2 Literature Survey -- 3 Proposed Methodology -- 3.1 Detection of Emergency Vehicle -- 4 Results and Discussions -- 5 Conclusion -- References -- Big Data-Enabled Solutions for Covid-19 -- 1 Introduction -- 1.1 Bigdata -- 2 How Big Data Help in Fighting Against Covid -- 2.1 Medical Data -- 2.2 Mobile Data Location -- 2.3 Travel History -- 3 Privacy Preserving in the Healthcare System -- 3.1 Big Data Approach to Handling These Challenges -- 4 Big Data Privacy When Data is Being Stored -- 4.1 Privacy-Preserving Techniques in Big Data -- 5 Recent Techniques in Privacy-Preserving -- 6 Privacy-Preserving in the Healthcare System -- 6.1 Real-Time Security Analytics -- 6.2 Data Quality -- 6.3 Data Sharing and Privacy -- 7 Conclusion -- References -- Smart Traffic Monitoring System -- 1 Introduction -- 2 Related works -- 3 Proposed Work -- 4 Results and Discussion -- 5

Conclusion and Future Scope -- References -- Harvesting Electrical
Energy from Body Heat to Power Bio Medical Wearables -- 1
Introduction -- 1.1 Problem Statement -- 1.2 Objectives -- 2 Literature
Review -- 2.1 Energy Generation from Human Body.
2.2 Human-Based Energy Harvesters.
