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School of Electronics, Devi Ahilya University, Indore Embedded Systems III-V Compound Semiconductor Device ...
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| TITLE | CITED BY | YEAR |
|---|----------|------|
| Temperature dependent analytical model for transfer characteristics of GaN HEMTs with AlxInyGazN barrier layer KT Upadhyay, N Pande, MK Chattopadhyay Materials Today: Proceedings | | 2022 |
| Orchestration of Automated Guided Mobile Robots for Transportation Task in a Warehouse like Environment RR Chowdhary, MK Chattopadhyay Emerging Trends in Industry 4.0 (ETI 4.0) 2021, 1-7 | X. | 2021 |
| Vigorous Deep Learning Models for Identifying Tomato Leaf Diseases R Karothia, MK Chattopadhyay Lecture Notes in Networks and Systems: Proceedings of International | | 2021 |
| Unified Analytical Model for Charge Density and Plasmonic Waves in the Quaternary AllnGaN/AlN/GaN Heterostructures. MK Chattopadhyay, KT Upadhyay Biswas A., Saxena R., De D. (eds) Microelectronics, Circuits and Systems | 1 | 2021 |
| A Composition-Dependent Unified Analytical Model for Quaternary InAlGaN/GaN HEMTs for pH Sensing KT Upadhyay, MK Chattopadhyay Journal of Electronic Materials 50, 3392-3405 | 1 | 2021 |
| A new analytical model for the response of AlGaN/GaN HEMT-based pH sensors KT Upadhyay, MK Chattopadhyay Journal of Computational Electronics, 1-11 | 3 | 2021 |
| Sensor applications based on AlGaN/GaN heterostructures KT Upadhyay, MK Chattopadhyay Materials Science and Engineering B: Solid-State Materials for Advanced | 24 | 2020 |
| Internet of Things and Data Mining: An Applications Oriented Survey P Sunhare, RR Chowdhary, MK Chattopadhyay Journal of King Saud University: Computer and Information Sciences | 45 | 2020 |
| Computer and Information Sciences P Sunhare, RR Chowdhary, MK Chattopadhyay | | 2020 |
| An Approach for Real-Time Indoor Localization Based on Visible Light Communication System D Dhote, MK Chattopadhyay Lecture Notes in Networks and Systems: Innovations in Electronics and | | 2020 |
| IoT-Based State of Charge and Temperature Monitoring System for Mobile Robots RR Chowdhary, MK Chattopadhyay, R Kamal Lecture Notes in Networks and Systems: Innovations in Electronics and | 4 | 2020 |

| TITLE | CITED BY | YEAR |
|--|----------|------|
| Orchestrator Controlled Navigation of Mobile Robots in a Static Environment RR Chowdhary, MK Chattopadhyay, R Kamal Lecture Notes in Networks and Systems: Innovations in Electronics and | 4 | 2020 |
| Approximate Adder Implementation using Quantum- Dot Cellular Automate for Digital Signal Processing MK Chattopadhyay, KT Upadhyay, RR Chowdhary, NB Pande International Journal of Engineering and Advanced Technology 9 (2), 3743-3748 | a | 2019 |
| IoT Based Battery Temperature and Health Monitoring System Using Electric Vehicle Like Mobile Robots RR Chowdhary, P Sunhare, MK Chattopadhyay, R Kamal Journal of Advancements in Robotics 6 (3), 1-13 | 4 | 2019 |
| Implementation of Digital Filters Using ARM Microcontroller STM32F401RE Prachi Goutam, Chowdhary R.R, Chattopadhyay M.K. 8th International Conference on Innovations in Electronics & Communication | | 2019 |
| Al composition and AlxInyGazN layer thickness dependent new analytical model for IV characteristics of AlxInyGazN/GaN HEMTs KT Upadhyay, MK Chattopadhyay Materials Today: Proceedings 19 (Part 2), 205-208 | 4 | 2019 |
| Comparative study of Orchestrated, Centralised and Decentralised Approaches for Orchestrator based Task Allocation and Collision Avoidance using Network Controlled Robots RR Chowdhary, MK Chattopadhyay, R Kamal Journal of King Saud University - Computer and Information Sciences | 5 | 2018 |
| Design and Implementation of Viterbi Decoder Using VHDL A Thakur, MK Chattopadhyay IOP Conf. Series: Materials Science and Engineering 331 (012009) | 4 | 2018 |
| Design of Efficient Mirror Adder in Quantum- Dot Cellular Automata PK Mishra, MK Chattopadhyay IOP Conf. Series: Materials Science and Engineering 331 (2018) 012010 331 | | 2018 |
| An IoT Based Low Cost Air Pollution Monitoring System G Parmar, MK Chattopadhyay Int. Conf. on "Recent Innovations in Signal Processing and Embedded Systems | 90 | 2017 |