

**Faculty Paper Publications**  
**AY: 2022-23**

| S.No | Name of the Author     | Title of The Paper                                                                            | Name of the Journal                                                          | Indexed |
|------|------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------|
| 1    | Mr.B.Malakonda Reddy   | Feature Enhancement Pyramid and Shallow Feature Reconstruction Network for SAR ship Detection | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 2    | Mrs.Y.Neeraja          | Design and implementation of low power timing error tolerant system by controlling a clock    | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 3    | Mrs.CH.Padmavathi      | Medicine Reminder and Monitoring System for Secure Health using IoT                           | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 4    | Dr.J.S.Prasath         | IoT based Multi Purpose security robot system                                                 | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 5    | Dr.K H.Shakthi Murugan | Design and analysis of the under water wireless optical communication system under turbulence | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 6    | Dr.P.Sreenivasulu      | Cancer cell detection in human blood samples using microscopic images                         | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 7    | Mrs.CH.Manjusha        | Implementation of energy efficient AES forward mixcolum using reversible logic                | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 8    | Mrs.P.Manjulamma       | Automotive embedded testing                                                                   | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 9    | Mr.K.Viswaksena Reddy  | Multiple Functional Robot For Defence                                                         | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 10   | Dr.K H.Shakthi Murugan | Automatic Soldier Tracking And Health Monitoring System                                       | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 11   | Mr.M.V.S.Sudheer Babu  | Design Of Rectangular Patch Antenna Array                                                     | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC     |
| 12   | Mr.K.V.Bhanu Prakash   | Power Reduction In Logic Circuits Using Powergating                                           | International Journal for Modern Trends in Science and Technology,           | UGC     |

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|----|----------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----|
|    |                      | for Deep Sub Micron Circuit                                                                             | 2455-3778                                                                    |     |
| 13 | Dr.A.Hazarathaiah    | Sanitisation And Food Serving Robot For Quarantine Patients Using IOT                                   | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 14 | Mr.B.Malakonda Reddy | Saliency Based SAR Target Detection Via Convolutional Sparse Feature Enhancement and Bayesian Inference | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 15 | Dr.P.Rajasekar       | Energy Efficient Aes Mixcolumn Using Quantum Dot Cellular Automata (Qca)                                | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 16 | Dr.P.Rajasekar       | A HDL based synthesis of combinational circuit using reversible design                                  | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 17 | Mrs.V.Devika         | Smart Hybrid Vehicles                                                                                   | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 18 | Dr.J.S.Prasath       | IoT Based Farming Robot for Agriculture                                                                 | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |
| 19 | Dr.A.Hazarathaiah    | Weed Plant Detection in Crops using Deep Learning Technique                                             | International Journal for Modern Trends in Science and Technology, 2455-3778 | UGC |