

JOURNAL OF MICROWAVE SCIENCE AND TECHNOLOGY

VOLUME 12

NUMBER 2

JULY-DECEMBER 2022



CONTENTS

1. Intelligent Surveillance System using Internet of Things
Haribaabu. V and Joseph James. S 69-73
2. Analysis of Frequency Splitting Phenomena in Four Coil Inductive Resonant Coupling System
R. Narayanamoorthi, A. Vimala Juliet, K. Vijayakumar and K. Selvakumar 75-78
3. Wi-Fi Technique To Charge Your Battery
Pankhuri Priyam, Sweety Sinha and V. Vishnupriya 79-83
4. Design and Analysis of MHz Range Converter for Mid Range Low Wireless Power Transfer Systems
R. Narayanamoorthi, A. Vimala Juliet, K. Vijayakumar and K. Selvakumar 85-91
5. Design and Implementation of a Wireless Sensor Network on Precision Agriculture
Kedari Sai Abhishek and S. Malarvizhi 93-98
6. Handling the Unstructured Data in IOT
Sunil Kumar Mishra M 99-106
7. Enhancement of OpenFlow to Improve the Performance of SDN
Rakshith K Salian and C T Manimegalai 107-113
8. Voltage Disturbances Identification and Mitigation using SRF Controlled DVR in Distribution System
S. Vijaya Laxmi and P.V. Ramana Rao 115-124
9. A Simplified Active-Reactive Power Control of Distributed Energy Resource Integration with Distribution Grid
Kesa. Jyothi, H.S Jain and K.S. Srikanth 125-134
10. Individual Control of Multiple Microrobot using Selective Resonance based Wireless Power Transfer Coil System
R. Narayanamoorthi, A. Vimala Juliet, K. Vijayakumar and K. Selvakumarn 135-139

19
269