## **IETE Technical Review**

Volume 36 Number 3 May-June 2019



## CONTENTS

## **Editorial**

223 What is in store in the May-June 2019 issue of IETE Technical Review? Mamidala Jagadesh Kumar

## **Articles**

- 225 Implementing and Characterizing Real-Time Broadband RFI Excision System for the GMRT Wideband Backend Kaushal D. Buch, Kishor Naik, Swapnil Nalawade, Shruti Bhatporia, Yashwant Gupta and Ajithkumar B.
- 234 Implementation of Trench-based Power LDMOS and Low Voltage MOSFET on InGaAs Manoj Singh Adhikari and Yashvir Singh
- 243 Breakdown Mechanisms of Power Semiconductor Devices Haijun Guo, Baoxing Duan, Hao Wu and Yintang Yang
- 253 Forecasting Through Motifs Discovered by Genetic Algorithms Kartikay Gupta and Niladri Chatterjee
- 265 ESUMM: Event SUMMarization on Scale-Free Networks Krishan Kumar and Deepti D. Shrimankar
- 275 Performance of an Integer Carrier Frequency Offset Estimation Method in OFDM Systems Qi Cheng
- 285 A Simple CPW-Fed Monopole Antenna with Reconfigurable CP Frequency and Radiation Pattern Chien-Jen Wang
- 293 Octave Error Reduction in Pitch Detection Algorithms Using Fourier Series Approximation Method Balachandra Kumaraswamy and P. G. Poonacha
- 303 CMBSNN for Power Flow Management of the Hybrid Renewable Energy Storage System-Based Distribution Generation T. Praveen Kumar, N. Subrahmanyam and Maheswarapu Sydulu
- 315 FPGA Realisation of n-QAM Digital Modulators

  J. A. Galaviz-Aguilar, J. C. Nuñez-Perez, F. J. Perez-Pinal and E. Tlelo-Cuautle

केन्द्रीय पुस्तकालय प्रेस्तारक प्रिकियाप सिकिकम बिश्विविद्यालय Sikkim University