

Name: Dr.R.SORNA KEERTHI  
 Designation: Assistant Professor  
 Department: Electronics and Communication Engineering  
 University / Institution: University College of Engineering Ramanathapuram  
 Place: Ramanathapuram  
 Pincode: 623 513  
 Mobile: 9842617458  
 E-mail: sornakeerthi.ucer@gmail.com  
 Area of Specialization: Wireless Communication and Signal Processing

Last 5 years publication:

1. Sorna Keerthi, R & Meena alias Jeyanthi, K (2018), "Effortless Trellis Coded Firefly Optimized LMMSE based Channel Estimation for LTE-Advanced Downlink", Journal of Intelligent & Fuzzy Systems, Vol. 34, no. 6, pp. 4331 – 4344 with DOI: 10.3233/JIFS- 17840. (Impact Factor: 1.261)
2. Sorna Keerthi, R & Meena alias Jeyanthi, K (2015), „Performance Comparison of Different Digital Modulation Schemes for LTE Downlink System“, International Journal of Applied Engineering Research, Vol. 10 No. 77, pp. 273 – 278. (Impact Factor: 0.14)
3. Jeevagan Navukarasu Lenin G, Vimala R, Sorna Keerthi R and Sorna Keerthi R and Aravind Britto K R (2016), "Design of Low Profile Wideband SOLPLANT with DGS", ARPN Journal of Engineering and Applied Sciences, Vol. 11 No. 3, pp. 1729 – 1734. (Impact Factor: 0.193)
4. Meena alias Jeyanthi K, "Consequence of Diverse Antenna Type in EnodeB for Indoor Hot Scenario on LTE-A Downlink System using Systemvue", 5<sup>th</sup> International Conference on Recent Trends in Engineering, Science and Management (ICRTESM2016), Organized by International Organization of Scientific Research and Development at Madurai during 15<sup>th</sup> and 16<sup>th</sup> July 2016.
5. Sorna Keerthi R and Meena alias Jeyanthi K, "Performance Comparison of Different Digital Modulation Schemes for LTE Downlink System", International Conference on Green Technologies for Energy Management (ICGTEM "15), Organized by Department of Chemical Engineering at Mohamed Sathak Engineering College, Kilakarai during 27<sup>th</sup> and 28<sup>th</sup> March 2015.
6. Sorna Keerthi R and Meena alias Jeyanthi K, "Improved Channel Estimation using Genetic Operators for LTE Downlink System", 1<sup>st</sup> International Conference on Science, Engineering and Management Research (ICSEMR 2014), Organized at

Vel Tech Multitech Dr. Ranagarajan Dr. Sakunthala Engineering College, Chennai during 27<sup>th</sup> – 29<sup>th</sup> November 2014.

7. Sorna Keerthi R and Meena alias Jeyanthi K, "Efficient Channel Estimation for MIMO-OFDM Systems using Genetic Operators", International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS "14), Organized by Department of Electronics and Telecommunication Engineering at Karpagam College of Engineering, Coimbatore during 13<sup>th</sup> and 14<sup>th</sup> March 2014.