

Dr. P.Kalpana Devi
Associate Professor
Department of ECE
VelTech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology
Avadi
Chennai-600062.
Mobile No. 9962688222
Email: drkalpanadevip@veltech.edu.in

Publications

1. Kalpana Devi, P.K., Bhuvaneswaran, R.S. Linguistic Effects Based Novel Filter for Hearing Aid to Deliver Natural Sound and Speech Clarity in Universal Environment. *Wireless Pers Commun* **94**, 1223–1236 (2017). <https://doi.org/10.1007/s11277-016-3678-X> (SCI indexed)
2. **P.Kalpana devi** , D.Dharani , J.Lakshmi Vandhana ,”Design of IoT based Garbage Segregation for Automatic Smart Trash Bin using NI LabVIEW “, International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-11 (Scopus Indexed)
3. Dr.P.Kalpana Devi, Dr.M.Sujatha. Spectrum Sensing Based Reconfigurable Filter Bank For Multicarrier Communication Receiver . Jcr. 2020; 7(15): 2635-2639. [Doi:10.31838/Jcr.07.15.355](https://doi.org/10.31838/Jcr.07.15.355) (Scopus Indexed)
4. **P.Kalpana Devi** ,Dr.R.S.Bhuvaneswaran , “Multistage Multirate Filtering Technique For Channelization , National Conference Computational Methods, Communication Techniques and Informatics in Gandhigram Rural University , Jan 2017 pg.no.348-350
5. **P.Kalpana Devi**, M.Sujatha, J.Arun Prsath ,”Design of Reconfigurable Integrated patch antenna in ISM band for IoT applications” IEEE International Conference on Smart Structures and Systems (ICSSS 2020)
6. **P.Kalpana Devi** , Aparna Shekar , Tarun,Abhishek,” Design of frequency reconfigurable antenna for sdr application”, ” IEEE International Conference on Smart Structures and Systems (ICSSS 2020).
7. Naresh Bopparathi, Dr. P. Kalpana Devi. Low Power Input Clocked Latch Design Based On A Signal Feed Through Using FINFET Technology. Jcr. 2020; 7(19): 5593- 5598. [Doi:10.31838/Jcr.07.19.650](https://doi.org/10.31838/Jcr.07.19.650) (Scopus Indexed)