**Dr. B. BHUVANESHWARI**

## Publications (2015-2020)

1. Veeraselvam, A, Mohammed, GNA, Savarimuthu, K, Marimuthu, M, **Balasubramanian, B**. "Polarization diversity enabled flexible directional UWB monopole antenna for WBAN communications". Int J RF Microw Comput Aided Eng. 2020; 30:e22311. https://doi.org/10.1002/mmce.22311
2. Saffrine Kingsly, Sangeetha Velan, Malathi Kanagasabai, Sangeetha Subbaraj, Yogeshwari Panneer Selvam & **Bhuvaneswari Balasubramaniyan** (2019) "Signal integrity analysis on a microstrip ultra-wideband coupled-line coupler", International Journal of Electronics, 106:4, 620-633, DOI: 10.1080/00207217.2018.1545262
3. Jayasruthi J., **Bhuvaneswari B.** (2020) "Investigation of Meanderline Structure in Filtenna Design for MIMO Applications". In: Hemanth D., Kumar V., Malathi S., Castillo O., Patrut B. (eds) Emerging Trends in Computing and Expert Technology. COMET 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 35. Springer, Cham. https://doi.org/10.1007/978-3-030-32150-5_155
4. Nivetha S.B., **Bhuvaneswari B**. (2020) "Design and Analysis of Various Patch Antenna for Heart Attack Detection". In: Hemanth D., Kumar V., Malathi S., Castillo O., Patrut B. (eds) Emerging Trends in Computing and Expert Technology. COMET 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 35. Springer, Cham. https://doi.org/10.1007/978-3-030-32150-5_151
5. Ravichandran M., **Bhuvaneswari B**. (2020) "Analysis of Wearable Meander Line Planar Antenna Using Partial and CPW Ground Structure". In: Hemanth D., Kumar V., Malathi S., Castillo O., Patrut B. (eds) Emerging Trends in Computing and Expert Technology. COMET 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 35. Springer, Cham. https://doi.org/10.1007/978-3-030-32150-5_153
6. **bhuvaneswari** umamahesh, "Ultra wide band CPW-fed antenna for 4G/5G applications" in International Research Journal of Engineering and Technology(IJRET), Vol 5, 2018.
7. A Keerthanai Priya**, B. Bhuvaneswari**, "Miniaturized Wide Bandwidth MIMO Dielectric Resonator Antenna using Defective Ground Structure for UWB Applications" in International Research Journal of Engineering and Technology (IRJET)Vol 5, Issue 6,June 2018.