Dr. D.SUGUMAR, ASSISTANT PROFESSOR, DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, KARUNYA UNIVERSITY, COIMBATORE – 641 114.

EMAIL:	
sugumar@karunya.edu	
PURLICATIONS	

## INTERNATIONAL JOURNALS

D.Sugumar, "Machining of microholes in Ti-6Al-4V by hybrid micro electrical discharge machining to improve process parameters and flushing properties", Bulletin of the Polish Academy of Sciences, Technical Sciences, vol. 68, no. 3, 2020. DOI: 10.24425/bpasts.2020.1333662020.

D.Sugumar, "Smart vehicle monitoring and tracking system powered by active radio frequency identification and internet of things", The cognitive approach in cloud computing and internet of things, 2020.

D.Sugumar, "Patch antenna using Biocompatible Insulation layer in Wireless On-Body sensor applications", Journal of Engineering Science & Technology Review, vol. 12, no. 1, pp. 99 – 103, 2019. DOI: 10.25103/jestr.121.11

D.Sugumar, "System and Method for Managing SAR Value, Quality of Service and Energy Consumption for WCDMA", S D IN Patent 202,011,000,900, 2020.

D.Sugumar, "Independent Vector Analysis of Non-Negative Image Mixture Model for Clinical Image Separation", Advances in Computerized Analysis in Clinical and Medical Imaging, 17, pp. 17 – 40, 2019. DOI: 10.1201/9780429446030-2

D.Sugumar, "Dual-Pin-Fed Circularly Polarized Patch Antenna for Wi-Fi Application", 2nd International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), Instrumentation, pp. 1460-1462, 2019.

D.Sugumar, "Design of Rectangular Array Microstrip Patch Antenna for Improved Return Loss", 2nd International Conference on Signal Processing and Communication (ICSPC), pp. 236 – 238, 2019.

D.Sugumar, "Design of Multiple Frequency Microstrip Antenna for Mine Applications", 2nd International Conference on Signal Processing and Communication (ICSPC), pp. 243 – 246, 2019.