

Jaswinder is a Reader in Electronic Engineering at the University of East London, actively collaborating with global organisations such as the European Telecommunications Standards Institute (ETSI), University College London (UCL), and Cambridge Silicon Radio plc UK. Some of the projects include the 'Ultra-low power transmitter for biomedical sensor network integration with LTE/LTE-A/5G for an early-warning mobile diagnostic system' and 'Big Data Analytics in Smart Cities and Human Dynamics'. Jaswinder has evidence of lead in numerous research projects with a track record of leading publications including the guest editorship of the IEEE Transactions on Circuits-II. Some areas for collaborative research are circuits, systems and signal processing for 5G, Internet-of Things (IoT) and Wide Body Area Networks (WBAN), RF filters, ultra-low power sensors, A/D converters and compressive sensing. Smart City challenges such as integrated health care and smart manufacturing/factories of future.