

Dr. Esteve Hassan



Dr. Esteve Hassan, Ph.D., PEng, is Professor and Industrial Applied Research Chair in Interoperability Sensor Systems for IIoT Applications at Mohawk College. He has over 10 years of applied research experience in the design, development, and implementation of wireless sensor devices and smart embedded real-time systems. Dr. Hassan's work includes designing and developing new miniaturized low-power, multi-sensor devices with actuation and energy harvesting features. They are anticipated to include Bluetooth Low Energy, Wi-Fi, LoRAWAN wireless connectivity, and conventional wired technologies. Working with industrial partners such as Stelco, CareGo, and IBM, Dr. Hassan's research will focus on creating self-tuned low-power, versatile IoT devices for a large range of manufacturing, healthcare, and wearable applications and a wide spectrum of real-time processing capabilities.