

Design of wireless sensor network node for medical applications

Duong Vu Kien

Abstract: This topic focuses on the design and implementation of a Wireless Sensor Network to meet the requirements of applications in the medical field. It includes analyzing specific needs, determining an appropriate network structure, and conducting experiments to optimize communication performance while ensuring accuracy and safety in medical environments. By combining theory with practice, this topic provides a highly applicable solution for remote health monitoring and supporting clinical activities.

Keywords: Wireless sensor networks, Healthcare, Remote health monitoring, Communication systems, Accuracy