

Study of optical wireless communication

Tran Thi Tuyet Mai

Abstract: In the context of increasing demand for high-speed and secure data communication, this topic aims to study Wireless Optical Communication (WOC) as a potential solution. The objective of the research is to build a stable wireless optical signal transmission system with wide coverage. The approach includes theoretical analysis of WOC, design, and implementation of practical experiments. Expected results will significantly contribute to the field of wireless communication, paving the way for modern industrial applications.

Keywords: Optical communication, Wireless, Optical technology, Optical signal