

Design of Mobile Information Network for Bac Ninh City Area

Nguyen Ba Can

Abstract: This topic focuses on the design and deployment of mobile communication networks in the urban area of Bac Ninh city, aiming to meet the high data transmission demands in an urban environment. The objective of the research is to build a network system capable of self-adapting to changes in access density and quality of service. Through analyzing the current network status and using advanced design methods, the topic aims to improve the overall performance and reliability of the mobile network in the study area. The research results are expected to contribute significantly to the development of urban digital infrastructure and support sustainable development in Bac Ninh.

Keywords: Mobile information network, Bac Ninh City, Network design, Data transmission engineering, Digital infrastructure development