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Li Fi Audio and Data Transmission via Lights

Ganesh Pawar, Chetan Wagh, Jitesh Mahale, Kishor Ugale
Students, Department of Electrical Engineering
MET BKC Institute of Engineering, Nashik, India.

Abstract: *Generally peoples are using wireless internet in a public places, when one of the particular student is try to find it from the other destination, then it require sufficient bandwidth at a conference, if you don't have a sufficient bandwidth or speed then you will frustrated at the moment and you face when more than one device is tapped into the network. As more and more people and their many devices access wireless internet, clogged airwaves are going to make it increasingly difficult to latch onto a reliable signal. But radio waves are just one part of the spectrum that can carry our data. It's the same idea behind infrared remote controls, but far more powerful. In this technology, which is based on D-Light, can produce data rates which is high and faster than 10 megabits per second, which is speedier than your average broadband connection. When we visualize a future where data for laptops, smart phones, and tablets is transmitted through the light in a room. In the application of protection, security would be a snap—if you can't see the light, you can't access the data. Li-Fi is a VLC, visible light communication, technology. Li-Fi is now part of the Visible Light Communications (VLC). "Li-Fi is typically implemented using white LED light bulbs. These devices are normally used for illumination by applying a constant current through the LED.*

Keywords: Li-Fi

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