A Comparative Study and Analysis on Li-Fi and Wi-Fi

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 150

Number 6

Year of Publication: 2016

Authors:

Ashmita Shetty

10.5120/ijca2016911558

Abstract

Li-Fi also called as Light Fidelity is a new technology that uses light source i.e. light emitting diodes that can be used for high speed communication. It is a better alternative as compared to Wi-Fi technology. It is a safer, greener and cheaper technology as it does not have any radio waves or any other type of waves. The founder of this technology is Professor Herald Hass. This technology provides better capacity, security, and availability as compared to Wi-Fi. The concept flickers so fast that it cannot be detected by human eyes and thus transfers the data using on-off state.

References

2. M. Mutthamma, “A survey on Transmission of data through illumination- Li-Fi”,

{bibtex}2016911558.bib{/bibtex}
A Comparative Study and Analysis on Li-Fi and Wi-Fi


Index Terms

Computer Science     Wireless

Keywords

Li-Fi (Light Fidelity), Wi-Fi (Wireless Fidelity), VLC, LED, RF.