



## **LI-FI INTEGRATED TO POWER-LINES FOR SMART ILLUMINATION CUM COMMUNICATION**

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### **ABSTRACT**

*Li-Fi is basically known as LIGHT FEDILITY, an outcome of twenty first century. Data can be transmitted through LED light whose intensity varies even faster than the human eye. As the transmission of the data takes place through the light emitting diodes (LED's), the data transmission rate is comparatively very high than Wi-Fi. Hence it is called as the optimized version of Wi-Fi. The major advantageous of this technology is to decrease the cost of wireless communication system.*

**KEYWORDS:** *Light, Fedility, Light Emitting Diodes, Wi-Fi*

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