

Li – Fi Technology

Li-Fi is the next phase of wireless communication, enabling data to be exchanged at almost 100 times as fast as conventional radio wave transfer which is employed in Wi-Fi. Li-Fi uses visible spectrum of electromagnetic waves to carry information. Since the bandwidth of visible spectrum is thousands of times larger than radio waves, a myriad of communications systems can simultaneously function on Li-Fi at a much faster rate.

Design of Li-Fi communication system is a workshop carefully structured to impart the maximum knowledge and skill required for you to work with Li-Fi tech. This workshop would familiarize you with microcontroller technology, wireless module interface and much more, thereby giving you the ultimate resume filler that takes your credentials to a whole new level.

What can you expect from this workshop?

1. Introduction to basic electronics.
2. Basics of microcontroller implementation and embedded c coding.
3. Introduction to Li-Fi technology.
4. Communication protocols and interface of Li-Fi module.
5. Hands on experience on hardware design of Li-Fi module.
6. Data transfer using Li-Fi.

Take Away Kit

- Li-Fi Module
- Arduino based Microcontroller
- LCD Module
- Wire Stripper
- Discrete Electronics

Duration: 14 hours spread over two Days.

Eligibility: Anyone interested can participate.

Fees: Rs. 1350/- per head. Take away kit will be given in a group of 5.

