



Venue: Lecture Theatre, Venture Center,  
100 NCL Innovation Park, Dr Homi Bhabha Road, Pashan,  
Pune- 08

# Two Days Hands-on Workshop on Optics and Spectroscopy for Medical Diagnostics

Learn- Make –Explore!

 **Tinkering Lab**

 **VENTURE  
CENTER**

**Fri – Sat**

**10 – 11 March '17**

**9am – 5.30pm**

Optical diagnostics occupies a very important place in medical science. In medical applications, the analysis of spatial, time and spectral dependences of the optical radiation permits revealing the characteristics of materials & systems which are hard and in some cases impossible to achieve by other methods. Further, there is a significant scope for research and development in optics and photonics.

### WHO SHOULD ATTEND

Industry professionals | Innovators & Entrepreneurs| Researchers and students

### TALKS

Basics of optics; Design of optical components; Introduction to spectroscopy (a. Reflection & absorption spectroscopy b. Fluorescence Spectroscopy c. Raman Spectroscopy d. IR Spectroscopy); Different challenges in optical study & experiments; Entrepreneurial case studies ; Applications in Medical Diagnostics

### LABORATORY SESSIONS

Optical components and systems design; Reflection and absorption spectroscopy; Fluorescence spectroscopy; IR and Raman Spectroscopy

Hands-on-training on using tinkering lab optical and spectroscopy facilities |  
Case study demonstrations by entrepreneurs

Maximum *20 seats*, First-come-first-serve.

Application form available at-

<http://bit.ly/2IUSneA>

Last date for receipt of applications 6 March 2017

More info on:

<http://tinkeringlab.co.in/events-2/>

### CONTACT DETAILS

Ms. Lipika Biswas

0202586-5875/77; [eventsdesk@venturecenter.co.in](mailto:eventsdesk@venturecenter.co.in)

Technical queries:

Ms Sayali - 0202586-5875/77;  
[sayali@web.venturecenter.co.in](mailto:sayali@web.venturecenter.co.in)