

# Advances in Electronic and Photonic Devices for Optical Fibre Communication and Bio-chemical Sensing



Organised by Dr. Mukesh Kumar  
Centre for Advanced Electronics  
Indian Institute of Technology Indore



## Course Modules

- Optoelectronics & Integrated Photonics
- Advanced Semiconductor Devices
- VLSI Technology & Device Fabrication
- Advanced Optical Communication
- Nanotechnology
- Sensor Design & Fabrication

## Who should attend?

Professionals working in R&D organizations and industries, Faculty from Engineering & Polytechnic colleges, Research scholars, Post-graduate and Undergraduate students.

## Additional Information

**Number of Seats:** Limited

**Course Dates:** November 25 – 27, 2020

The soft copy of completely filled registration form (along with online payment slip, if any, for the course fee) should be sent to the following e-mail ID on or before November 22, 2020.

Email: [mukesh.kr@iiti.ac.in](mailto:mukesh.kr@iiti.ac.in)

## Course Introduction

The tremendous advances in the fields of VLSI, Communication & Bio-Chemical sensing have been spurred by developments in the field of Microelectronics and Photonics. The area concerns itself with the development of the electronic and photonic devices that generate, detect, transmit, distribute, modulate and amplify electrical energy and information. This short-term course aims to deliver applied knowledge which will introduce advancements in electronic and photonic devices for broadband communication and bio-chemical sensing through Nanotechnology.

## Course Fees

**No registration fee for participants from TEQIP institutes**

- ⌚ Rs. 10,000\* (for industry personnel)
- ⌚ Rs. 5,000\* (for faculty members)
- ⌚ Rs. 2,000\* (for students)

\*including service tax

## Mode of Payment:

**For Online Payment :** <http://www.iiti.ac.in/page/e-payments>

## Bank Transfer:

Beneficiary Name: Registrar IIT Indore

Bank Name : Canara bank,

Branch: IIT Indore, Khandwa Road, Simrol, Indore

Account number: 1476101027440

IFS Code : CNRB0006223

## Address for correspondence:

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Phone : +91 731-2438700 (Ext. 596)

Webpage: <http://people.iiti.ac.in/~mukesh.kr/>

## Registration Form

(Please fill and send through e-mail to [mukesh.kr@iiti.ac.in](mailto:mukesh.kr@iiti.ac.in) with a scanned copy of your institute identity card)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Institution/Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Are you a faculty member from TEQIP Institute? (Yes or No): \_\_\_\_\_

E-mail id: \_\_\_\_\_

Phone/Mobile No.: \_\_\_\_\_

*Payment details (for participants from non TEQIP institutes)*

Bank Name: \_\_\_\_\_

Reference ID: \_\_\_\_\_

Amount transferred: \_\_\_\_\_

Date of transaction: \_\_\_\_\_

Any other relevant information: \_\_\_\_\_

**Note:** Please send the scanned copy of your official institute identity card too.

\_\_\_\_\_  
(Signature of the applicant with date)