

## Course Overview

This short-term course is focused on recent advancements in the areas of signal and image processing. It aims to cover topics ranging from key fundamental concepts to the recent research directions in these areas. In addition, the course will include detailed discussions on different areas of applications, including biomedical signal and image processing, biometric security, etc. The lectures in this course will be delivered by experts in this field, including

1. Prof. S. C. Dutta Roy, (Former Professor at IIT Delhi)
2. Prof. Ram Bilas Pachori, (EE, IIT Indore)
3. Dr. Surya Prakash, (CSE, IIT Indore)
4. Dr. Puneet Gupta, (CSE, IIT Indore)
5. Dr. Vivek Kanhangad, (EE, IIT Indore)

## Course Highlights

- Comprehensive coverage of key **fundamental topics in signal and image processing** through detailed discussions
- Lectures on **biomedical signal and image processing**
- Introduction to **biometrics security** (fingerprint, face, iris, etc.)
- Lectures on the development of biometric systems and attacks
- Lectures on **recent research directions** in biometrics
- Lectures on **machine learning for signal and image processing**
- Hands-on sessions with Python/MATLAB

**QIP** Quality Improvement Programme  
Supported by AICTE / MHRD



**QIP Short Term Course on Recent Advancements in Signal & Image Processing with hands-on sessions**

**Indian Institute of Technology Indore**

**March 02-06, 2020**

## Registration Fee

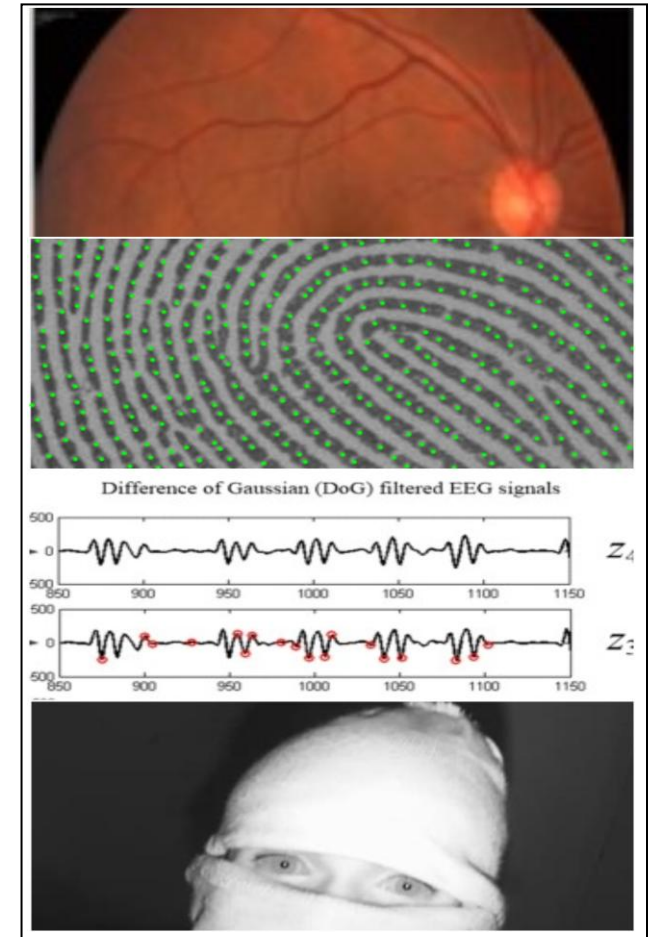
1. Faculty members from AICTE approved engineering colleges (QIP Category): **Refundable Deposit Rs. 1000**
2. Others (Non-QIP Category): **Course Fee Rs. 3500**

Last date for registration: **Feb 25, 2020**

**Registration Link** [Click Here](#)

## Information for QIP Category Participants

1. They will be paid 3 AC train fare for travel by the shortest route from the place of work to Indore and back. The maximum TA payable is Rs. 3000.
2. They will be provided with free boarding and lodging on campus.
3. Local QIP participants will be paid TA of Rs. 300 per day for 5 days.



## Who will benefit from this course

Teachers and postgraduate students

**Course Coordinator:**  
**Dr. Vivek Kanhangad**  
Associate Professor  
Discipline of Electrical Engineering  
Indian Institute of Technology Indore