



Who Should Attend?

- Professionals working in R&D organizations and industries
- Faculty from Engineering/ Polytechnic colleges
- Research scholars, postgraduate, and undergraduate students

Course Fees

Industry Professionals: Rs. 7500

Government R&D Organizations: Rs. 5,000

Faculty/ staff members: Rs. 4000

Students: Rs. 2500

The course fee includes GST, study material, breakfast, lunch, and tea for the entire course duration.

Course Contents:

The workshop will cover following topics:

- Advanced Signal Processing Techniques for Biosignal Denoising, Compression and Parameter Extraction
- Deep Learning Based ECG Signal Analysis Techniques
- Compressed Sensing Based Cardiac Signal Analysis Techniques
- Wireless EEG Sensing Techniques
- Sparse Signal Processing Techniques
- Spectrogram and Mel-Spectrum for Physiological Sound Analysis Techniques
- Vital Sign Measurement from PPG Signal
- Physical Activity Recognition for Cardiac Health Monitoring
- Physiological Signals Based Human Emotion Recognition
- Internet of Medical Things -Concepts and Research Directions

Course Co-ordinator



Prof. Ram Bilas Pachori

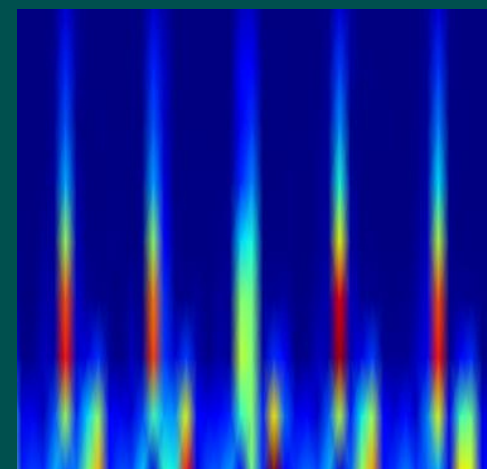
Department of Electrical Engineering
(<https://www.iiti.ac.in/people/~pachori/>)

A TWO-DAY WORKSHOP

ON

Advanced Signal Processing and Deep Learning Techniques for Smart Health Monitoring

(18-19 November, 2023)



Department of Electrical Engineering

Indian Institute of Technology
Indore



REGISTRATION FORM

Name:.....

Designation:.....

Institution/Organization:.....

.....

Address:.....

.....

E-mail id:.....

Phone/Mobile No.:

Accommodation Required: Yes / No

If yes then please provide following information:

Duration of stay:.....

Gender:.....

Payment details:.....

.....

Signature of the applicant with date

Mode of payment

Through demand draft drawn in favor of Registrar, IIT Indore or through online payment/ bank transfer.

For Online payment/ Bank Transfer

Bank Name: State Bank of India

Branch: Khandwa Road, Indore

Account number: 31702151577

IFS Code: SBIN0011779

Accommodation

Accommodation can be arranged as per availability. Charges will be applicable as per institute policy. Seats are limited. Participants will be selected on first-come-first serve basis. Please send a request for hostel accommodation to the course coordinator.

Number of seats: Limited

Last date: 16th November, 2023

(The completely filled registration form along with the DD for the course fee should be sent to the following address on or before 16th November, 2023.)

Correspondence Address

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