

TEQIP-III Sponsored Short-Term Course  
on  
**Current Trends in Biomedical Signal and Image  
Processing**  
(20-22 October, 2020)



**Discipline of Electrical Engineering  
Indian Institute of Technology Indore**

**Course Coordinator**

**Prof. Ram Bilas Pachori**  
(<http://people.iiti.ac.in/~pachori/>)

**Course Contents:**

The lectures will cover following contents:

- Signal and image analysis techniques
- Classification methods
- Fundamentals of biomedical signal and image processing
- EEG signal analysis and classification
- ECG signal analysis and classification
- Medical image analysis and classification
- Signal and image processing for tele-medicine

- Feature extraction methods
- Medical applications of signal and image processing
- Deep learning for biomedical signal processing

**Who should attend?**

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

**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

**Number of Seats:** Limited

**Important Dates:**

The soft copy of completely filled registration form (along with Online payment slip for the course fee) should be sent to the following e-mail ID on or before 18 October 2020.

**Address for correspondence:**

Prof. Ram Bilas Pachori  
Discipline of Electrical Engineering  
Indian Institute of Technology Indore  
Khandwa Road, Simrol, Indore, MP.  
E-mail: pachori@iiti.ac.in  
Phone: 09617291052 (Mobile)

**REGISTRATION FORM**

(Please fill and send through e-mail)

**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:**

**Signature of the applicant with date**