

Online Short-Term Course  
on  
**Time-Frequency Analysis and Applications**  
(17-18 April, 2021)  
(Time: 10 AM to 12 noon and 3 PM to 5 PM)



**Centre for Advanced Electronics  
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:

- Basics of time-frequency analysis
- Short-time Fourier transform
- Wavelet transform
- Wigner-Ville distribution
- Hilbert-Huang transform
- Advanced wavelet transforms
- Variational mode decomposition
- MATLAB implementation
- Various applications

**Who should attend?**

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

**Certificate:**

An E-certificate will be provided on successful completion of the course

**Course Fees:**

- Rs. 6,000\* (for industry personnel)
- Rs. 4,000\* (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 16 April, 2021.

**Address for correspondence:**

Prof. Ram Bilas Pachori  
Centre for Advanced Electronics  
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:****E-mail id:****Phone/Mobile No.:****Payment details****Bank Name:****Reference ID:****Amount transferred:****Date of transaction:****Any other relevant information:****Signature of the applicant with date**