

## Joint Online Short Course/ FDP

# Machine Learning Applications in Signal Processing and Communication Engineering

January 03 – January 08, 2022

Organized by EICT Academies at

IIT Guwahati, IIT Roorkee, MNIT Jaipur, NIT Patna and PDPM IIITDM Jabalpur



### Course Contents

- Introduction to ML applications in Signal Processing and Communication
- ML in Speech, Image Processing, Gesture Recognition
- ML in Biomedical Signals
- ML in Resource Allocation in Wireless Networks, Energy-efficient Communication, Seismic Signal Processing
- ML for Cooperative Spectrum Sensing, Smart Health Care Systems

### Speakers

- Prof. Ratnajit Bhattacharjee (IIT Guwahati)
- Dr. Suresh Sundaram (IIT Guwahati)
- Dr. Rhythm Grover (IIT Guwahati)
- Dr. Mitul Kumar Ahirwal (MANIT Bhopal)
- Prof. RBV Subramanyam (NIT Waarungal)
- Dr. Debanga Raj Neog (IIT Guwahati)
- Dr. Irshad Ansari (IIITDM Jabalpur)
- Dr. Arghyadip Roy (IIT Guwahati)
- Dr. Ashish Anand (IIT Guwahati)
- Prof. M K Bhuyan (IIT Guwahati)
- Dr. Varun Bajaj (IIITDM Jabalpur)
- Dr. Amit Vishwakarma (IIITDM Jabalpur)

### Principal Coordinator, EICT IITR

Prof. Sanjeev Manhas

IIT Roorkee



### Programme Features

- Instructor led online sessions and rigorous hands-on sessions.
- Opportunities to connect with experts from academia, industry and government
- Certificate of completion on successful completion of the course with full access to the course material.

### Registration Details

Registration link – Please fill out registration using the following link

Registration Link: <https://forms.gle/Bo9M6nk7xE1PLKHG9>

#### Registration fee

Indian Participants –

Faculty/PHD Scholars: 500 INR

Others : 1000 INR

Foreign Participants –

SAARC/African countries

Academic (Faculty/PHD Scholars): - Rs. 500/-

Others - Rs. 1000/-

Rest of the countries

Fee - US\$ 60 or British £ 50

Last Date for Registration : December 25, 2021

<https://eict.iitr.ac.in/instruction-for-payment/>

For more details, please visit: <https://eict.iitr.ac.in/>

### Contact Us

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