Electronics & ICT Academy IIT Roorkee

presents

Short Term Training Programme (STTP)

on

Artificial Neural Networks Illustration, Applications in Science and Engineering using Python

[March 16 -March 24, 2021]

At par with QIP for recognitions/credits

Experts from Academia

Prof. Dharmendra, Singh, Head of the Department, Department of Computer Science, IIT Roorkee, Prof. Partha Pratim Roy, Department of Computer Science, IIT Roorkee, Prof. R. Balasubramanian, Department of Computer Science, IIT Roorkee, Prof. Sanjeev Kumar, Department of Mathematics, IIT Roorkee, Prof. A. Ramesh, Department of Management Studies, IIT Roorkee, Dr. M. Madhiarasan, Department of Computer Science, IIT Roorkee, Dr. Aveek Brahmachari, Stryker Global Technology Center, Gurugram, India, Dr. Shangheeta Roy, TCS.

Supported by

Ministry of Electronics & Information Technology
Government of India

Certificates to participants by E&ICT Academy IIT Roorkee

Classes will be delivered through online platform

Why STTP ?

Advancement and recent trends in the artificial neural networks made efficient problem-solving capability to assist humanity in many applications to resolve challenging problems. This Short Term Training Programme (STTP) imparts in-depth technical knowledge in artificial neural network technology and its applications.

This STTP offers a vibrant opportunity for researchers, faculty members, and industry people to enhance their technical and practical skills.

Course Objectives

- To impart in-depth technical knowledge in Artificial Neural Network technology and applications.
- To promote participants to develop a Python program.
- To gain hands-on training in various applications (complex and dynamic real-time problems) of ANNs using Python.

Course Features

- The course will consist of lectures and labs/hands-on sessions.
- Hands- on will be carried using Python programming.
- Certificates to participants by E&ICT Academy IIT Roorkee.

Registration Link

http://tiny.cc/5cd8tz

Focus Areas

- Supervised and Unsupervised Learning: Applications
- Machine Learning: Applications
- Deep Learning: Applications
- NLP: Applications
- Optimization Algorithms
- Image Processing, Big Data Analytics
- Electric Vehicle
- Current Trends and Design Issues in ANN

How to make payment ?

https://eict.iitr.ac.in/Paymentdetails.html

Conference Code: EICTIITR-Online-31

Course Fees

Academicians, Research Scholars and Students: Rs. 2500/-

Industrialists: Rs. 5000/-

Who Can Attend ?

Course is open to faculty members/ PhD research scholars, industry persons from academic and research institutions.

Principal Investigator

Prof. Sanjeev Manhas
CSE Deptt., IIT Roorkee

Course Coordinator

Prof. Partha Pratim Roy, IIT Roorkee, India
Dr. M. Madhiarasan, IIT Roorkee, India

Contact Details

- Ph.: +91-9380101772, +91-9149130233
- Email: eict@iitr.ac.in