



IIT Roorkee's
E-Summit IITR
THE ANNUAL ENTREPRENEURIAL
FESTIVAL OF IIT ROORKEE



IIT Roorkee's
E-Summit IITR
THE ANNUAL ENTREPRENEURIAL
FESTIVAL OF IIT ROORKEE

NSTP-2018, E-Summit, IIT Roorkee in Collaboration with
Department of Electrical & Electronics Engineering & Department of Information Technology
PSG College of Technology, Coimbatore - 641 004
Two Days National Level workshop on “Artificial Intelligence with Deep Learning”
Dates of workshop: 23rd & 24th. June 2018



HANDS ON AI WITH DEEP LEARNING APPLICATIONS

- Deep Learning for recognizing hand written digits (MNIST dataset)
- Simple Spam-Detecting Deep Learning Classifier
- Modern Face Recognition with Deep Learning
- Case Study: Cancer Detection, Case Study: Character Recognition
- Case Study: Iris Clustering, Case Study: Intelligent Washing Machine Design
- Image Segmentation using deconvolution layer in Tensorflow
- Develop a predictive analytics model for a complex data set



THE COURSE OUTLINES FOR AI WITH DEEP LEARNING

- Introduction to Deep Learning, Artificial Intelligence, Neural Network
- The Neuron Diagram, Introduction to Python and Anaconda,
- Working on Various Python Library, Introduction of Tensorflow
- Linear and Logistic Regression, The Convolutional Neural Network
- Artificial Neural Network, Backpropagation



BENEFITS/MOTIVATION

The Certificate of Participation from NSTP'18 E-Summit of IIT-Roorkee



Registration Fee:

- Industry: Rs.3000/-
- Academicians / Research Scholars: Rs.2500/-
- Students: Rs.1500/-

Maximum no. of seats: 80 Seats will be filled on First Come First Serve basis
(The fee includes: Training, certificate, Registration fee & software tools)

Demand Draft to be drawn in favor of "PSG CNCE"

Filled-in Registration forms along with DD to be sent to:

Dr. L. Ashok Kumar
Department of EEE
PSG College of Technology
Peelamedu, Coimbatore - 641004
Contact No: 98432 81115

Last Date of Registration:
06th June 2018

DEEP LEARNING

Machine Learning steps closer to
Artificial Intelligence

**FREE
SOFTWARE
TOOLS**



ABOUT THE PROGRAMME

This workshop Programme is intended to provide opportunities for teachers and researchers employed in institutions for upgrading their knowledge and acquiring practical skills in the area of deep learning. The objective of the programme is to help the Faculty / Industry / Research scholars / Students learn the principles of deep learning and understand how to build deep neural networks for solving problems in image and text analysis. They will practice the ideas in Python tools such as TensorFlow, Theano, and Keras. The workshop will equip them to use and teach deep learning for various machine learning tasks and expose them to the challenges in deep learning research.

ZONALCENTER DETAILS

PSG College of Technology Coimbatore

Address: Avinashi Rd, Peelamedu, Coimbatore, Tamil Nadu 641004

CONVENER:

PROF. R. RUDRAMOORTHY, PRINCIPAL

CO-CONVENERS:

- Dr. M. C. BHUVANESWARI,
HOD I/C, Dept. of Electrical & Electronics Engg.
- Dr. K. UMAMAHESWARI,
HOD, Dept. of Information Technology.

ORGANIZING SECRETARY:

Dr. L. ASHOK KUMAR, Professor & Associate HOD, EEE
☎ +91 9843281115

COORDINATORS:

- Dr. D. KARTHIKA RENUKA, Asst. Professor (SG)
☎ +91 9976128728
- Ms. B. NISHANTHI, Asst. Professor (Sr. Gr.)
☎ +91 9751596438

NOTE: This slip is mandatory for entry.



IIT Roorkee's
E-Summit IITR
 THE ANNUAL ENTREPRENEURIAL
 FESTIVAL OF IIT ROORKEE

REGISTRATION FORM

S.No: _____

| NAME | CONTACT | E-MAIL ID: |
|------|---------|------------|
| | | |

COLLEGE : _____

ZONAL CENTER: _____

DATE: _____ Course Name: _____

ACCOMODATION REQUIRED: YES NO DEMAND DRAFT NO: _____

PARTICIPANT SIGNATURE

FACULTY COORDINATOR SIGNATURE

Participant SLIP

S.No: _____

| NAME | CONTACT | E-MAIL ID: |
|------|---------|------------|
| | | |

COLLEGE: _____

ZONAL CENTER: _____

DATE: _____ Course Name: _____

PARTICIPANT SIGNATURE

FACULTY COORDINATOR SIGNATURE

NOTE: This slip is mandatory for entry.