

### Registration Fee

Industrial Participants: Rs.2000/-

Faculty : Rs.1500/-

Research Scholars & UG/PG Students:  
Rs.1,000/-

The Demand Draft (DD) should be drawn in favor of "ORGANIZED PROGRAMMES", payable at Chennai.

Scanned copy of the registration form and DD should be sent by mail to [dlinipcv18@gmail.com](mailto:dlinipcv18@gmail.com).

### Important Dates

Last date for submission of Registration Form along with D.D : 27.01.2018

Selection Intimation : 29.01.2018

Confirmation from Participants via mail : 31.01.2018

Selected candidates should submit the DD along with registration form on 07.02.2018.

### Note

Only limited number of seats are available. Selection is based on first come first served basis.

Lunch and tea will be provided on both days of the Workshop. Participants are requested to make their own arrangements for accommodation. No TA / DA will be provided.

### Resource Persons

Subject experts from Academia & Industries

### Contact Details

E-mail: [dlinipcv18@gmail.com](mailto:dlinipcv18@gmail.com)

### ABOUT ANNA UNIVERSITY

Anna University was established on 4th September 1978 as unitary type of University. Its constituent colleges are College of Engineering, Madras Institute of Technology, Alagappa College of Technology and School of Architecture and Planning. Anna University has a strong vision to impart excellence in education, research and societal service through highly dedicated and competent teachers who are also expert researchers in various emerging and cutting edge technologies.

### ABOUT COLLEGE OF ENGINEERING AND DCSE GUINDY (CEG)

CEG is India's oldest engineering and technical institution established in 1794. The Department of Computer Science and Engineering (DCSE), established in September 1987 functions as one of the University Departments having academic autonomy with its own syllabus and curriculum. The Department offers B.E. programme in Computer Science and Engineering along with four M.E. programmes - Computer Science and Engineering, Software Engineering, Computer Science and Engineering with specialization in Big data & Systems Engineering and Operations Research.

### Three Days Workshop

on

## "Deep Learning in Image Processing and Computer Vision"

07th - 09th February 2018

### Coordinators

Dr. S. Renugadevi

Dr. D. Shiloah Elizabeth

### Mentor

Dr. D. Manjula



### Organized by

Department of  
Computer Science and Engineering

Anna University

Chennai - 600025

### Declaration

I hereby declare that the given information are true to the best of my knowledge. If selected, I shall attend the entire workshop.

Place:

Date:

Signature of the Applicant

### Certificate

Mr./Ms./Dr. \_\_\_\_\_  
is an employee/research scholar/student of our Institution/Organization. He/She will be permitted to attend the workshop, if selected.

Date :

Place :

Signature of Head of institution  
(with seal)

### About the Course

This program aims to provide hands on experience to the interested people in the field of Deep Learning. The programme will help the participants to learn the principles of deep learning and understand how to apply deep learning for solving problems in image processing and computer vision.

### Target Audience

- Faculty
- Research Scholars
- UG/PG Students

### Course outline

- Overview of Deep Learning, Image Processing and Computer Vision
- Supervised learning, Unsupervised learning, reinforced learning
- Bias-variance, over fitting-under fitting, gradient descent
- Regularization and optimization
- R/Python and libraries
- Introduction and installation
- Deep Feed Forward Networks
- Convolutional Neural Network (CNN)
- Auto-Encoder
- Representation/feature Learning
- Recurrent Neural Network (RNN)
- Long Short Term Memory networks (LSTM)
- Generative Adversarial Networks (GAN)

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### REGISTRATION FORM

1. Name:

2. Qualification :

3. Designation: Faculty / Research Scholar/  
Student

4. Experience :

4. Institution / Organization:

5. Communication Address :

6. Phone :

7. Email id :

8. DD Details:

Signature of the Applicant