

**FDP ON “DEEP LEARNING”**  
12-14December 2018

**REGISTRATION FORM**

Name:  
Qualification:  
Designation:  
Institution:  
Experience in years:  
Research Interest:  
Address:

Mobile:  
E-mail:

The details furnished above are true to the best of my knowledge. If selected, I shall attend the course for the entire duration.

Place:                      Signature:  
Date:                              Name:

**SPONSORSHIP CERTIFICATE**

Certified that Mr/Ms/Dr.....  
is an employee of our institution and is hereby sponsored for attending the FDP ON “DEEP LEARNING“at College of Engineering Perumon from 12-14 December 2018. He/She will be permitted to attend the course, if selected.

Place:                                      Name & Signature  
Date:                                      (Principal)

(Seal of the institution)

Programme Coordinators:

Dr. Soumya T  
Asst. Prof. in CSE  
Ph: 9446178245

Mrs. Ameera Beegom J  
Asst. Prof. in CSE  
Ph: 9605238271



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**COLLEGE OF ENGINEERING  
PERUMON**

**FDP**  
On  
**“DEEP LEARNING”**  
Sponsored by  
TEQIP II  
12-14December 2018



**Organized by**  
Department of Computer Science and  
Information Technology



**COLLEGE OF ENGINEERING  
PERUMON**

## PREFACE TO THE COURSE

Deep learning is a fast-growing field of Artificial Intelligence concerned with the study and design of computer algorithms for learning good representations of data, at multiple levels of abstraction. Deep learning is a highly focused technique, where a huge amount of raw data is uncategorized. This faculty development programme is designed to provide the state of the art trends and advancements of deep learning in the various research domain. The programme will focus on theoretical aspects and provide hands-on experience to participants to solve the current research problems. Moreover, it will provide an interactive forum for discussion on recent and on-going developments, key issues and challenges, and practices related to deep learning applications.

## COURSE CONTENTS

- Research Scope in Machine Learning and Deep Learning.
- Deep Autoencoder for Computer Vision Applications.
- Convolutional Neural Network.
- Deep Learning Platform & Software Libraries.
- Deep Learning for Self-drivingCars.

## INTENDED AUDIENCE

This course is intended to those who are interested in Deep Learning. Faculty members from various engineering colleges are encouraged to participate in this FDP.

## ABOUT THE INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala. The college has registered speedy progress since then and it offers five undergraduate programmes (ME, ECE, EEE, CSE and IT) in affiliation with APJ Abdul Kalam Technological University (KTU). An M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The students of our college have been securing top ranks in B.Tech Degree Examinations conducted by University right from the first batch. The college has a distinctive academic stature in the arena of engineering institutions in the state.

## ABOUT THE DEPARTMENT

The Department of Computer Science and Information Technology was established in the year 2000 offering four year B.Tech programme in Computer Science and Engineering, Information Technology and M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The major strength of the department is highly qualified and experienced faculty with specialization in main areas of Computer Science and Engineering and Information Technology. State-of-the-art facilities are available in all the labs to train the students capable of meeting the requirements of present and future.

## REGISTRATION FEE

Internal Participants	:	Nil
Academicians	:	500/-

## HOW TO APPLY

The registration form and sponsorship certificate duly filled and signed by Head of the Institution in the prescribed format should be submitted on the commencement of the programme. The applicants should confirm their participation on or before 30/11/2018 by email.

Email:-[tsoumyabaiju@gmail.com](mailto:tsoumyabaiju@gmail.com)

## ROUTE MAP

