

Two Day Faculty Development Programme on
DEEP LEARNING WITH TENSOR FLOW
29th & 30th June, 2018
Registration Form

Name: _____

Designation: _____

Department: _____

Institute/ Organization: _____

Address for Correspondence (include Pin Code):

Email ID:

Mobile:

Fees Details:

Bank:

The information furnished above is true & correct to the best of my knowledge. I agree to abide by the rules and regulations governing the program. I shall attend the program for the entire duration.

Date:

Signature

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Patron

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Two Day
Faculty Development Programme
on
**DEEP LEARNING WITH
TENSOR FLOW**
29th & 30th June, 2018



Organized by
Knowledge Engineering Research Group
(An IQAC-KLEF Initiative)

Department of
Computer Science & Engineering
(DST-FIST Sponsored Department)



(DEEMED TO BE UNIVERSITY)

Green Fields, Vaddeswaram,
Guntur District, A.P., INDIA. Pincode : 522 502.

About K L E F

K L E F is a pioneer in the field of engineering education and research in private sector. It was established as Koneru Lakshamaiah College of Engineering in the year 1980, situated in a spacious 60 acre campus on the banks of Buckingham canal of river Krishna, 8 Km away from Vijayawada. The institute is accredited by National Assessment and Accreditation council (NAAC) of UGC with A grade. K L E F has knowledge base stems with the presence of eminent and highly qualified academic staff, numbering 600+ out of which 155+ doctorates and 300+ pursuing Ph.D is one of the best for any engineering institute. KLEF offers 10 UG programs, 14 PG programs, 28 integrated degree programs, dual degree programs and in addition to this research program is being offered in 14 disciplines.

About the Department

Department of Computer Science and Engineering has eminent faculty with a blend from Academics and industry with varied specializations to impart their skill on latest technologies for B.Tech and M.Tech students. The department offers Doctoral program (Ph.D) in Computer Science and Engineering. Center of Excellence Labs have been functioning on cutting edge technologies such as Artificial Intelligence & Machine Learning, IoT, Cyber Security, Cloud & Fog Computing and Software Engineering. Department faculty has been executing several funded research projects. Had MoUs with reputed MNCs such as IBM, Microsoft, CISCO etc., to be in tune with industry developments and requirements.

FDP Agenda

This two day FDP aims to provide hands-on practice sessions on various topics mentioned below:

Day 1:

- ✓ Open source API libraries for Machine / Deep learning
- ✓ Introduction to Tensor flow and its applications
- ✓ Getting started with Tensor flow – Basics and setup
- ✓ Loading and Accessing data for Tensor flow
- ✓ Brief introduction to Classification problems
- ✓ Basics of Neural network and Deep learning Architecture (Perceptron and other concepts)
- ✓ Deep Learning with Tensor flow

Day 2:

- ✓ Convolution Neural Network with Tensor flow
- ✓ A Brief introduction to Text Classification
- ✓ Text Classification using Tensor Flow
- ✓ Brief introduction to Logistic regression
- ✓ Logistic Regression in Tensor Flow
- ✓ Case-study example
- ✓ Real world Case study using Tensor Flow

Note:

- 1) Participants are requested to come with their own Laptops for workshop practice sessions
- 2) Basic level knowledge on Machine Learning concepts is a pre-requisite.

Resource Person

Mr. Sarang VK is a Lead Data Scientist with vast experience in setting up production level machine/deep learning based solutions across different domains. He is

currently heading the advanced analytics practice of the data science domain at Straits Bridge, New Delhi. An eminent skilled professional and speaker who has been part of several data analytics related academic development programs and initiatives.

Expected Audience

- ✓ Faculty/Research scholars pursuing research in the area of Machine learning.
- ✓ Seeking hands-on experience on deep learning implementation with Tensor flow.
- ✓ Seeking more insights on Deep learning and its implementation with sample case studies.

Registration fee:

- ✓ Faculty - 1000/-
- ✓ UG&PG Students/Research Scholars - 900/-
- ✓ Industrial Participants - 2000/-

✓ Registration fees can be paid in cash to convener or DD can be drawn in favor of "Registrar, KLEF".

✓ Participation certificate will be issued to every registered participant.

✓ Participants are required to make their own arrangements for accommodation, travel and local conveyance.

Feel free to contact us for any further information

Convener

Dr.K.V.S.N.Rama Rao, Professor - CSE,

K L University, Andhra Pradesh, INDIA

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