OBJECTIVE

Deep learning is a fastest - 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. It features the development of complex, multi-layered algorithms based on Deep Neural Networks (DNN) to achieve critical breakthroughs in object recognition, facial recognition, and image/voice/speech recognition, as well as machine translation, Big Data analytics and natural language processing. The transformative impact of Deep Learning technology affects every industry, from security and social media to retail, finance and IoT (Internet of Things).

Overall theme of this workshop is to create awareness among faculty members about recent trends in research and also to create foundation of deep learning algorithms using Tensor Flow, where they can apply deep learning to solve real world problems.

PROGRAMME CONTENTS

- ❖ Machine Learning Basics and introduction to Deep Learning
- ❖ Convolutional Neural Networks
- ❖ Re current Neural Networks
- ❖ Introduction to Tensor Flow and its applications
- ❖ Getting started with Tensor flow – Basics and setup
- ❖ Loading and accessing data in Tensor flow
- ❖ Training a Network with Tensor Flow
- ❖ Case study using Tensor Flow

PARTICIPANT PROFILE

Faculty from AICTE approved Engineering Colleges and Polytechnics, Arts and Science Colleges, Research Scholars with relevant background. Candidates from industries and R&D organizations can also participate.

RESOURCE PERSON

Experienced faculty members of Kongu Engineering College and experts from various reputed institutions and industry will handle the sessions.

BOARDING AND LODGING

Accommodation and boarding will be provided to outstation participants in the college campus on chargeable basis.

REGISTRATION FEE DETAILS

Details	Amount**
Registration Fee	Rs.496/- (Students)
	Rs.496/- (Faculty members)
Accommodation and Boarding (if required)	Rs.200/- per day

** The registration fee includes course material, lunch and refreshment. Demand Draft for the registration fee must be drawn in favor of "**IIP Cell Grant in Aid Account**" payable at Perundurai. For registration click here

https://docs.google.com/forms/d/19LNTkcO0d0k8QBQB1u2pnkTPE1oC16OPHgZFqrKGUYw/viewform?ts=5b8cd828&edit_requested=true

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsor to us on or before 24.09.2018. If selected, they should confirm their participation in time.

IMPORTANT DATES

Last date for receipt of Applications	: **24.09.2018**
Intimation to Participants	: **26.09.2018**
Confirmation by participants	: **27.09.2018**

KONGU ENGINEERING COLLEGE
(Autonomous)
Perundurai Erode 638060 Tamilnadu

National-Level Workshop
on
Deep Learning with Tensorflow (Under Leading India.AI- Bennett University Project)
on
(29.09.2018)

APPLICATION FORM

Name :

Designation :

Organization :

Gender :

Age :

Educational Qualification :

Address for :

Communication

Mobile Number :

E-mail ID :

Experience :

Teaching : _____years

Others (Specify) : _____years

Need Accommodation: YES   /   NO

DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the coordinator in case I am unable to attend the course.

Place:

Date: Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr_____

_____

____is an employee of our Institute / Organization and

is hereby sponsored. He/She will be permitted to attend

the programme in full, if selected.

Place: Signature of the Sponsoring
Authority

Date: Office Seal

Application form completed in all respects is to be sent to:

Dr.N.Krishnamoorthy
Assistant Professor (Senior Grade),
Department of CSE,
Kongu Engineering College,
Perundurai, Erode-638 060, Tamil Nadu
Mobile: +91-9486904557, 9443840665

ABOUT THE COLLEGE

Kongu Engineering College, a leading research oriented institution with excellent facilities, is run by Kongu Vellalar Institute of Technology Trust. The Programmes of the institute are accredited by NBA and the institute is accredited by NAAC. It consists of 167 acres of land richly endowed   with beautiful Greenland. It is an autonomous institution affiliated to Anna University Chennai. The college has completed 34 years of dedicated and excellent service to people of India and abroad in the field of Technical Education. The college offers 14 UG Programmes, 19 PG Programmes and 16 Research Programmes in Engineering and Applied Sciences and Management. The survey- first of its kind- conducted by MHRD in the name NIRF(National Institution Ranking Frame work),the institution is placed in the second rank at Tamilnadu level and fifth rank at National level among all self-financing engineering colleges. In the same survey, the Institution has bagged 68 th rank among all engineering institutions in India including like IITs, NITs, etc. It has an active industry institute partnership center to interact with industries and also has a Technology Business Incubator (TBI), first of its kind in India, nurturing entrepreneurs in high tech areas.

ABOUT THE DEPARTMENT

Department of CSE was started in the year 1988 with B.E. Programme. With the increasing demand in Computer Science and Engineering, M.E programme was started in the year 1999. The department is recognized to offer research programme leading to Ph.D. The department aims at developing intellectually alert, scientifically progressive, globally competent and dynamic young IT professionals.

ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 20 km from Erode. It is well connected by air, road and rail.

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Coordinators

Dr.R.R.Rajalaxmi

Dr.P.Natesan

Dr. N.Krishnamoorthy

Organized By

School of Communication and Computer Sciences
Department of Computer Science and Engineering
Kongu Engineering College
Perundurai – 638060
Erode Tamilnadu

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