

General Information

TA/DA will be provided for faculty from Govt. / Govt. Aided Engineering Colleges as per government norms. Accommodation will be provided to external participants. Lunch, tea and snacks will be provided to the participants during the days of the programme.

How to Apply

In order to apply for the FSDP, a candidate from institutions under the DTE has to create an account in the TMS portal of DTE (<http://admissions.dtekerala.gov.in/tpms/login>) and then apply through the created account. For candidates from non-DTE institutions have to visit the portal (<http://admissions.dtekerala.gov.in/tpms>) and click on the **+Read More** button in the **Apply For a Course** tab and apply through **Other** options. Duly filled registration form, recommended /sponsored by the competent authority should reach the coordinator latest by **December 16, 2019**. For early processing of applications, email a scanned copy of the same to ajeena@cet.ac.in.

Coordinators

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Six Day DTE Sponsored Faculty and Staff Development Programme

on

Deep Learning

30th December 2019 - 4th January 2020



Organized by

Department of Computer Science and Engineering
College of Engineering Trivandrum

Sponsored by
Directorate of Technical Education
Government of Kerala



College of Engineering Trivandrum

College of Engineering Trivandrum was established in the year 1939. It is the first and the most sought-after engineering college in Kerala, with 8 UG and 28 PG programmes, the college plays a pioneering role in engineering education in the state.

Department of Computer Science and Engineering was started in the year 1984. Presently, the department offers B. Tech course in Computer Science and Engineering and two M. Tech courses. The department has the fortune of having the best students through Common Engineering Entrance Examination conducted by the State. Their academic excellence is reflected in the best placement history of the department, as well as the significant number of students gaining admissions for higher studies in institutions of national and international repute. The department has the state-of-the-art laboratory facilities, expert faculty members and very good technical library.

Deep Learning

Deep Learning is one of the recent advances in the field of machine learning. It relies on the training process to discover the useful patterns from the raw data. It has wide range of applications and there is huge demand in industry and research. This training programme aims to present recent models in supervised/unsupervised learning and deep learning architectures with practical sessions on deep learning framework using Python programming language.

The major topics covered under the programme:

- **Introduction to Machine Learning**
- **Neural Networks**
- **Convolutional Neural Networks**
- **Deep Learning Networks**
- **Machine Learning using Python**
- **Hands-on session on Deep Learning using *Tensorflow***

Eligibility

This FDP is interdisciplinary in nature, The faculty members of all engineering disciplines and Master of Computer Applications from government, aided and self financing engineering colleges can apply for this course. However, participants from private self financing engineering colleges needs to pay a nominal fee (Rs. 1000/-).

Resource Persons

Experts from academia, industry and research will handle the theory and hands-on sessions.

Selection Process

Maximum number of participants is limited to 30. The selection will be on first-come-first-serve basis. The selected candidates will be intimated through email only.

Important Dates

Last Date of Receiving Application : **16-12- 2019**

Date of Intimation about Selection : **17-12-2019**

Dates of the Training : **30 -12-2019 to 04-01-2020**