About the College

Mohandas College of Engineering and Technology (MCET) was established in 2002 as one of the first self-financing Engineering colleges in Kerala. The institution is NAAC accredited and ISO 9001-2008 certified. Presently, the college has full-fledged departments offering six under-graduate courses and five postgraduate courses including MCA and MBA affiliated to APJ Abdul Kalam Technological University. The College organizes International and National level conferences and cultural events regularly. The college has established chapters of professional bodies like IEEE, ISTE, ICI, ISNT, CSI, IEI, IIChE, INDT etc.

About the Department

The Department started in 2002 with an intake of 60 students for B.Tech Electronics and Communication Engineering. In 2012, a PG program in Applied Electronics and Instrumentation was introduced with an intake of 18. The Department, with its facilities and experienced faculty provide a conducing environment for developing the students' technical and learning skills. The Department organizes National Technical festival Colloquium for B.Tech students and National Conference Prabandh for M.Tech students every year and a National Symposium Techsynod jointly with other Departments once in three years.

Patrons

Shri. G Mohandas
Chairman, MCET

Smt. Rani Mohandas
Secretary, VNGP Trust.

Organizing Chairman

Dr. Ashalatha Thampuran
Executive Director, MCET

Organizing Vice-Chairman

Dr. S Sheela
Principal. MCET

Convenor

Dr. S Shabu
Head of the Department, ECE, MCET

Course Coordinators

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Technical Support

Lekshmi Sivan K S, System Analyst, CSE, MCET
Priyadarsini K, Lab Instructor, ECE, MCET

MOHANDAS COLLEGE
OF ENGINEERING AND TECHNOLOGY
Anad,Nedumangad, Thiruvananthapuram-695541
An ISO 9001-2008 certified and NAAC accredited Institution

Faculty Development Programme

on

DEEP LEARNING & NEURAL NETWORKS

5th July 2021 - 9th July 2021

Sponsored by

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Organised by

DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING

Tel:+91-472-2813039, 2802552, 2814578
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URL:http//www.mcetonline.com

About the Course

Neural networks has evolved over last five decades with numerous developments and applications. In this era of automation, Artificial intelligence is also a major step forward in how computer adapts, evolves and learns without being explicitly programmed and with network capable of adapting itself to new data. The broad objective of this FDP is to explore the unlimited potential of deep learning and unravel its complexity. This comprehensive FDP on theoretical fundamentals coupled with practical knowledge of deep learning and Neural network will help you understand the capabilities and challenges of deep learning and prepares you to participate in the developments of leading AI technology. Participation in this course will enhance your technical skills and prepare you to work on cutting Edge areas related to AI. This course will encourage you to take definitive step in the world of AI and prepare you to undertake research in related areas.

Course Highlights

- Overview of Neural networks
- Basics of Artificial Intelligence, Machine learning and Deep learning
- Neural networks with hands on training
- Deep Neural networks and DL-CNN
- Open CV basics and deep learning with Open CV
- Training and deploying Machine Learning models on Edge Devices

Resource persons

Dr. Ajeesh Ramanujan
Assistant Professor
Department of CSE,
College of Engineering,
Thiruvananthapuram.

Dr. Lizy Abraham
Dean (Research)
Department of ECE,
LBS Institute of Technology for Women
Thiruvananthapuram.

Prof. Sumod Sundar
Assistant Professor
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TKM College Of Engineering,
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Prof. Siju K S
Associate Professor
Department of Mathematics,
Saintgits College of Engineering,
Kottayam.

Prof. Nithin Prince John
Assistant Professor
Department of CSE,
Saintgits College of Engineering,
Kottayam.

Outcome of the Course

By the end of the course, you will be familiar with the significant technological trends driving the rise of deep learning; build, train, and apply fully connected deep neural networks; implement efficient neural networks; identify key parameters in a neural network's architecture; and apply deep learning to your own applications.

Who can attend?

Faculty members of all engineering colleges affiliated to APJ Abdul Kalam Technological University can participate in the FDP.

Registration Details

No Registration fee.

Application should be submitted online by filling up the Google form (link provided below).

Registration Link:

https://tinyurl.com/39u5kc95

The number of participants are limited to 60 and participants will be selected on first come first serve basis.

Important Dates

Last date of registration : 28/06/2021

Date of confirmation of participation : 01/07/2021

Certificate

e-Certificate will be provided to the participants.

FDP will be conducted in Online Mode via **Google Meet**.