

HOW TO APPLY

1. Applications for the workshop is available at
<https://mbcet.ac.in/event/national-workshop-on-advanced-deep-learning/>
2. Applicants are required to fill in and submit the application form on or before 15 may 2019.
3. The amount may be transferred online to South Indian Bank, Nalanchira Branch
A/C Name: COMPUTER SCIENCE AND ENGINEERING MBCET
A/C no: 0483053000017757
IFSC : SIBL0000483

WORKSHOP COORDINATORS

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NATIONAL WORKSHOP ON ADVANCED DEEP LEARNING

organised by

DEPARTMENT OF COMPUTER
SCIENCE AND ENGINEERING

MAY 20 - 22, 2019

NATIONAL WORKSHOP ON ADVANCED DEEP LEARNING



ABOUT THE COLLEGE

Built on a strong tradition of imparting knowledge, Mar Baselios College of Engineering and Technology (MBCET) was established in 2002, administered by the Malankara Catholic Educational Society. The College offers five B.Tech programmes, seven M.Tech Programmes and Ph.D programme. MBCET is accredited by NAAC with 'A grade' and all B.Tech programmes are accredited by NBA since July 2016 and further accredited upto June 2022.

ABOUT THE WORKSHOP

MBCET is a Zonal part of the nation-wide Artificial Intelligence and Deep Learning Skilling and Research project initiated by Bennett University, Greater Noida, India. As part of it, a three-day National Workshop on Advanced Deep Learning is scheduled at Mar Baselios College of Engineering and Technology (MBCET) for Research scholars, PG students, Faculty in Engineering Colleges and professionals in industry. University College, London, Brunel University, London and Bennett University, India are the collaborators of the initiative (details are available in leadingindia.ai). The workshop aims towards promoting research, assist to educators and designers in the field of Deep Learning. The workshop sessions and hands-on will enable participants to understand the basics and advanced topics of deep learning. **The sessions will be handled by eminent members from Bennett University and from leading academic institutions.**

THE PROGRAMME WILL COVER THE FOLLOWING TOPICS IN DETAIL AND HANDS-ON ON:

1. Hands On with Python
2. Introduction to Convolutional Neural Networks
3. Deep Learning Techniques for Medical Image Processing
4. Introduction to Recurrent Neural Networks
5. Hands On with Tensorflow 2.0
6. Hands On with PyTorch
7. Unsupervised Deep Learning
8. Deep Generative Models: Autoencoders, Variational Autoencoders, GANs
9. Advanced Deep Learning Topics in CNN
10. Advanced Deep Learning Topics in RNN
11. Deep Learning Model Optimization
12. Neural Architecture Search (NAS): AutoML, Auto Keras, Multi-objective Approaches
(Topics from 5 to 12 will be handled by Dr. Deepak Garg and team, Bennett University)

ELIGIBILITY

This workshop is open to the faculty members from AICTE/UGC approved academic institutions, Research Scholars, IT Professionals and PG students.

REGISTRATION FEE

The registration fee for participants including GST has been given below

Industry	Rs. 4000/-
Faculty	Rs. 3500/-
Research Scholar & PG students	Rs. 3000/-