Annamalai University
90th Anniversary Celebrations

ANNAMALAI UNIVERSITY
ACCREDITED WITH 'A' GRADE BY NAAC

Department of Computer Science and Engineering
Faculty of Engineering and Technology
Live Webinar on

Machine Learning with Python

22-27 June 2020,10:30 am to 12:30 pm

Expert speakers

Webinar will be live on

Microsoft Teams

MS Teams link will be mailed to the participants

**Dr. C. Chandra Shekar, Head,
Department of CSE,
IIT Madras**

**Dr. S.R. Mahadeva Prasanna,
Dean (Research and Development),
IIT Dharwad**

**Mr. K. Rajan Babu,
GBS Project Manager,
IBM India Pvt Ltd., Chennai**

Day 1: Introduction to Machine Learning, Classification and Clustering Techniques (k-means Algorithm, GMM and SVM).

Day 2: Linear and Logistic Regression, Installation of Anaconda and Implementation of Regression Techniques, k-means Algorithm, GMM and SVM with Python.

Day 3: Leveraging Machine Learning in Addressing Business Problems. Deep Neural Network (DNN), Back Propagation Training Algorithm, Implementation of DNN for MNIST database with Python.

Day 4: 1D Convolutional Neural Network (CNN) and its Implementation for an Application with Keras.

Day 5: 2D CNN and its Implementation with Keras. Deep Learning based Approaches to Image and Video Captioning.

Day 6: Standard CNN Architectures (VGG16, VGG19, GoogLeNet, ResNet) and Transfer Learning of Pretrained CNN Architectures.

Advisory Committee
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Registrar (i/c)
Dr.A. Murugappan
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Dr. S. Palanivel
Head, Dept. of CSE

Organisers
Dr. M. Kalaiselvi Geetha
Professor of CSE
Dr. A. Geetha
Professor of CSE

Reserve your free spot online
https://forms.gle/kLiQ4FqatunVdb4D6

Register on or before 20 June 2020

E-Certificate to all the participants

Scan to Register