MKSSS's
Cummins College of Engineering for Women, Pune

Presents
HANDS-ON WORKSHOP ON
on
MACHINE LEARNING AND DEEP LEARNING USING MATLAB
(Implementation and Research Areas)

Organized by

Department of Computer Engineering

(In the month of Feb and March AY 2022-23 as per schedule)

ABOUT WORKSHOP

Millions of engineers and scientists universally choose MATLAB for many applications, in the engineering and academic world. Their work includes deep learning and machine learning, signal processing and communications, image and video processing, control systems and computational biology. MATLAB has toolboxes for these applications and help of these toolboxes is readily available. Cummins College of Engineering for Women has license agreement with MATLAB. Enthusiastic students and faculty members from Cummins College of Engineering for Women, Pune pursue research in many domains. This workshop will be useful for all the students and faculty members who wish to do research work or project work in some domain using MATLAB.

Course participants will learn machine learning, deep learning and optimization techniques using MATLAB through lectures and hands-on exercises.

OBJECTIVES OF THE FDP

1. Installation and basics of Matlab
2. Basic programming and Image Processing
3. Deep Learning and Machine Learning using MATLAB
4. Hardware interfacing with Connectivity to Raspberry pi and cloud, Importing and exporting code, Using MATLAB App Designer for generating EXE

ELIGIBILITY

Second/Third/Final Year Engineering Students and Faculty members from Cummins College of Engineering for Women. Second/Third/Final Students or Faculty from other colleges if they have official MatLab setup with them.

MODE OF CONDUCTION
Online / Offline

REGISTRATION LINK
https://forms.gle/r1bkxJrRD4qXmAdx9

SCHEDULE

Time: 3.00PM to 5.30PM

Date	Topic
11/02/2023	MATLAB and Simulink Fundamentals (Online)
21/02/2023	Machine Learning (Online)
10/03/2023	Deep Learning Using MATLAB (Offline or Online)
11/03/2023	Solving Optimization Problems with MATLAB(Online)
25/03/2023	Hardware interfacing with Connectivity to Raspberry pi and cloud, Importing and exporting code, exe code generation (Offline or Online)

REGISTRATION FEE

For CSI and ACM Members: Rs.100
Other Students: Rs.200

WORKSHOP PREREQUISITES

- Install Matlab on your Systems
- Attend and complete pre workshop lectures on Machine Learning which will be communicated to registered students

BANK ACCOUNT DETAILS FOR FEES PAYMENT

- College Name :- MKSSS'S CUMMINS OLLEGE OF ENGINEERING, Student Branch - CSI.
- Bank :- STATE BANK OF INDIA
- Branch - KARVENAGAR
- Account No. :- 32929825578
- IFSC Code :- SBIN0013530
- Account Type :- SAVING

RESOURCE PERSONS

- Experts from MATHWORKS

ORGANIZING COMMITTEE

- Dr Sandhya Arora
- Prof Sakshi Mandke
- Prof. Vaishali Mahesh Salgar
- Prof. Nilofer Attar
- Prof. Aparna Utkarsh Hajare
- Dr. Madhuri Prasad Tasgaokar

PATRONS

Shri. Ravindra Deo
Chairman, MKSSS's

Shri Jayant Inamdar
Managing Committee Member
College Development Committee Chairman

Dr. P. V. S. Shastry
Secretary, MKSSS

ADVISORY BODY

Dr. Madhuri B. Khambete
Principal, CCEW

Prof. Ashutosh N. Muchrikar
Dean Students affair, CCEW

Dr Abijat Vichare
Adjunct Professor,
Computer Engineering Department, CCEW

FDP CONVENER

Dr. Supriya Milind Kelkar
HOD, Associate Professor,
Computer Engineering Department, CCEW

COORDINATOR

Dr. Supriya Milind Kelkar
Associate Professor,
HOD, Computer Engineering Department, CCEW

Dr. Anjali Milind Naik
Assistant Professor,
Computer Engineering Department, CCEW

CORRESPONDENCE

Prof. Aparna Utkarsh Hajare
Assistant Professor, Computer Engineering Department, CCEW
aparna.hajare@cumminscollege.in

Prof. Nilofer Attar
Assistant Professor, Computer Engineering Department,
nilofer.attar@cumminscollege.in

STUDENT COORDINATORS

Miss. Gouri Somani
Mobile. No: 7666957513

Miss. Pranjal More
Mobile. No: 9067690827

Miss. Shriya Deshande
Mobile. No: 7776059484

Miss. Gauri Amin
Mobile. No: 98505 48308

CERTIFICATES

Participant with 100% attendance will be getting E-certificates after completion of this course

Last Date to register
9th Feb 2023