

Registrations open for Two-day MATLAB: 2017b FDP organized by Department of Computer Sciences & Engineering to be held on February 15-16, 2018 with a focus on latest updates & toolboxes. Hurry limited seats, please register for participation at the earliest before February 14, 2018 at [Link: MATLAB: R2017b FDP registration](#)

Certificates will be distributed on successful completion.

Refer below for more details:

FDP Registration Last Date: February 14, 2018

FDP Date: February 15-16, 2018

FDP Venue: Smart classroom cluster, Ground floor, Department of Computer Science, SEST building, Jamia Hamdard University

Agenda:

Day1 (February 15, 2018)

10:00 am to 12 pm

Image Processing and Computer Vision

- Image Export Import, Image Type, and Image Conversion
- Image Transformation and Image Segmentation
- Text Extraction from Images and Text to Speech Conversion using Computer Vision
- Demo on Tracking and Counting of objects form Live Videos.

12:15pm to 1:30 pm

Deep Learning

- Deep Learning using Alexnet Toolbox
- CNN based Classification of Images

1:30pm to 2:00pm (Lunch)

2pm to 5 pm (Hands-On)

Day 2 (February 16, 2018)

10:00am to 12 pm

Math, Statistics, and Optimization

- Solving Linear and Non Linear Models
- Interactively fitting curves
- Create Linear Regression Model and Predict Response of the Model.
- Regression and Classification of Historical Data using App Learner
- Energy Forecast Analysis

12:15pm to 1:30pm

Digital Signal Processing with MATLAB

- Signal Processing Workflow
- Signal Analysis in Time & Frequency Domains
- Design & Implement Digital Filters
- Measuring Signal Similarities using Cross-Correlation
- ECG Signal Analysis

1:30pm to 2:00pm (Lunch)

2:00pm to 5:00pm (Hands-On)

HOD, CSE