



TECHNO INDIA NJR
INSTITUTE OF TECHNOLOGY



ACCREDITED

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZING

FDP ON ADVANCE MATLAB APPLICATIONS

BY



Dr. Prakash Bahrani

Co-ordinator, Dept. of Electrical Engg.
Techno India NJR, Udaipur

DATE AND TIME :

24TH NOVEMBER

02:00 PM ONWARDS

VENUE :

**VLSI LAB ECE
DEPARTMENT**

FDP on MATLAB

Day 1 - Basics of MATLAB

Getting Started with MATLAB

Image processing using MATLAB

Video Processing using MATLAB

Graphical User Interface MATLAB

App development using MATLAB

Computer Vision using MATLAB

Fuzzy logic design using MATLAB

Day 2 - Neural Networks and Machine Learning

Neural Network using MATLAB

Feature Extraction using MATLAB

Machine Learning -SVM

Machine Learning –KNN

Breast Cancer detection using Machine Learning(Project)

Machine Learning and IoT using MATLAB

Day 3 - Deep Learning Using MATLAB

Deep Learning using Matlab-Simple CNN

Supervised Learning using Matlab

Face Recognition using MATLAB (CNN)

RCNN using MATLAB

Semantic Segmentation using Deep learning MATLAB

Deep Learning for Speech signal using MATLAB (LSTM/CNN)

Unsupervised Learning using Matlab

Day 4 -Image Processing and Computer Vision Using MATLAB

Image Segmentation using MATLAB

Image Compression using MATLAB

Steganography using MATLAB

Day 5 - Projects

Augmented Reality using MATLAB

Video Surveillance & Motion detection using MATLAB

Real time Drowsy detection using MATLAB



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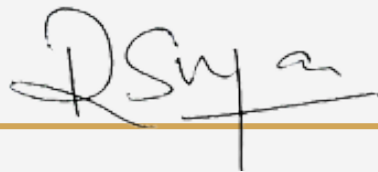
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for completing FDP on
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R.S. Vyas
Founding Director
Techno India NJR



Dr. Prakash Bahrani
Trainer



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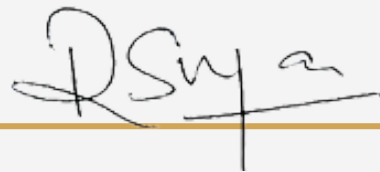
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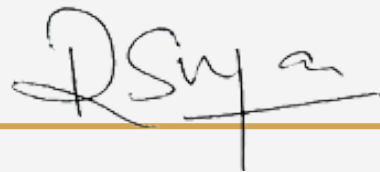
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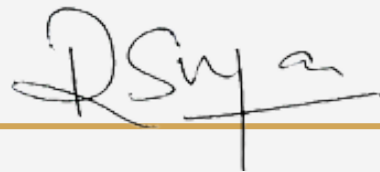
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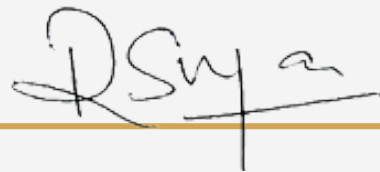
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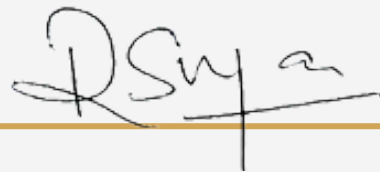
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