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Issue Date : 21st September 2017

Expiry Date : 20nd September 2020

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Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UAN	MH19E0006383		

E

Government of India (MSME)

Name of Enterprise : Embedded Technosolutions

Type of Organisation
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Postal Address
Shop No.C/20,1st Floor ,Amrita Sadan, Near Hotel Dwarka,Nerul West,District - Mumbai City, State - Maharashtra, 400706

Email
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Majority Activity
Services

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UAN
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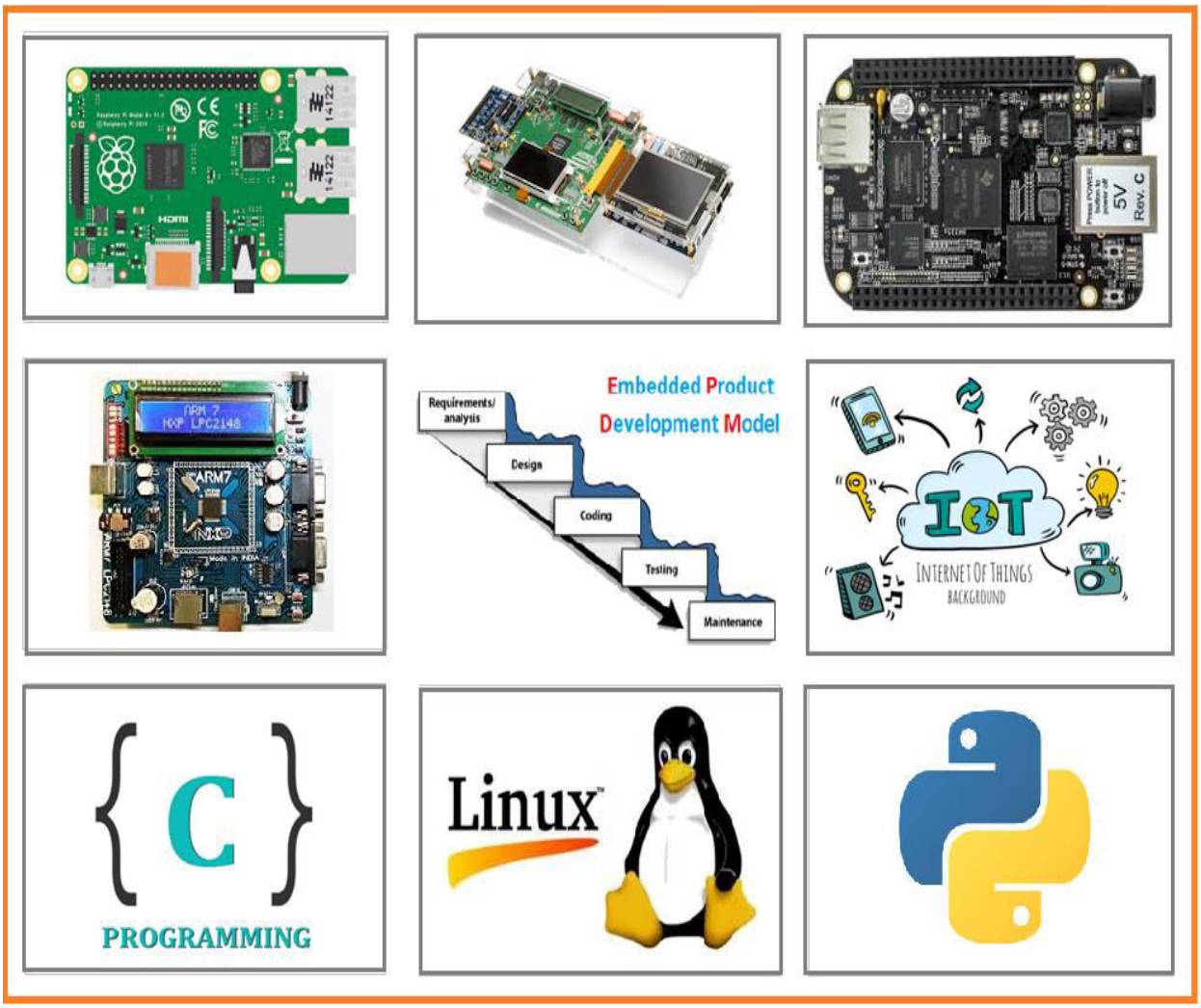

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Chapter 1 - INTRODUCTION to MATLAB

1.1 Background

1.2 Importance of MATLAB

1.3 Features

1.4 MATLAB Windows (Editor, Work Space, Command History, Command Window)

1.5 Data Types & Operations with Variables

1.6 Introduction to Arrays

1.7 MATLAB File Types

Chapter 2 - EDITING and DEBUGGING M FILES

2.1 Writing Script Files

2.2 Writing Functions

2.3 Error Correction

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Chapter 3 - DATA and DATA FLOW in MATLAB

3.1 Matrix Operations & Operators

3.2 Reshaping Matrices

3.3 Importing Exporting Of Data

3.4 File Input-Output

3.4 Communication with External Devices

Chapter 4 - PROGRAMMING

4.1 Flow Control

4.2 Conditional Statements

4.3 Error Handling

4.4 Work with Multidimensional Array

4.5 Cell Array & Characters

4.6 Developing User Defined Function

Chapter 5 - MATLAB GRAPHICS

5.1 Simple Graphics

5.2 Graphic Types

5.3 Plotting Functions

5.4 Creating Plot & Editing Plot

5.5 Graphics Handles

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5.6 GUI (Graphical User Interface)

Chapter 6 - IMAGE PROCESSING TOOLBOXES

6.1 Introduction to Image Acquisition – Video devices handling from MATLAB

6.2 Introduction to Image Application – Image transforms and its practical applications

6.3 Matlab application development

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