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Venture of IIT Bombay & VJTI Alumni

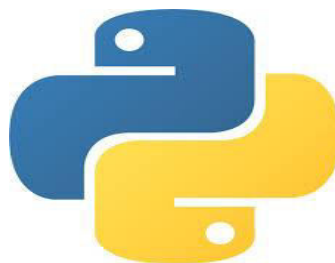
3 Times IIT Bombay Robo Competition Winner



**All India Council For Technical Skill
Development (AICTSD)**

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Government of India (MSME) & ISO 9001-2015
Approved Organisation
Running by IIT Bombay & VJTI Alumni

Embedded Technosolutions is a Professional & Corporate Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

Our training sessions are purely practical based on industrial standards

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Till Now We Worked for the following Industries

- Crompton Greaves Ltd, Mumbai
- Laboratory Corporation of America, LabCorp, Burlington, NC USA
- Netfinity, India
- Continental Grain Corporation
- Brook Furniture Rental, Chicago, IL
- ITA, Bangalore
- RAK Ceramics, Mumbai
- Nvidia, Pune
- ARORA, Mumbai
- RED Cell, Mumbai
- Secutech, Mumbai

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B R A N D

PROMISE

We Guarantee You that, You Can Develop Your Projects by
Your Own After This Training Program



Data Science with Python Developer

Module 1 - Introduction to python

- Python Basics
- Data Types, Operators, Loops, Conditional statements
- Python 2 v/s Python 3

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Module 2 - Strings in Python Programming

- Accessing Values in Strings
- Updating Strings
- Escape Characters
- String Special Operators
- String Formatting Operator
- Triple Quotes

Module 3 - Lists in Python Programming

- Python Lists
- Accessing Values in Lists
- Updating Lists
- Delete List Elements
- Basic List Operations
- Indexing, Slicing, and Matrixes
- Built-in List Functions & Methods

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Module 4 - Tuples in Python Programming

- Python Tuples
- Accessing Values in Tuples
- Updating Tuples
- Delete Tuple Elements
- Basic Tuples Operations
- Indexing, Slicing, and Matrixes
- No Enclosing Delimiters
- Built-in Tuple Functions

Module 5 - Dictionary in Python Programming

- Python Dictionary
- Accessing Values in Dictionary
- Updating Dictionary
- Delete Dictionary Elements
- Properties of Dictionary Keys
- Built-in Dictionary Functions & Methods

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Module 6 - Advance Data Types, Functions, Modules

- Working with lists, dictionary and tuples
- Defining functions
- Working with modules

Module 7 - File I/O Operations

- Reading and writing files
- Access modes of files

Module 8 - Exception Handling

- Handling a exception
- Multiple exceptions
- User-defined exceptions

Module 9 - OOPs with Python

- Overview of OOP terminology
- Defining Classes and Objects
- Working with Inheritance
- Abstract Classes

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Module 10 - Multi threading

- Threading concept
- Working with threading module

Module 11 - Socket Programming

- Introduction to sockets
- Working with socket module
- UDP and TCP client-server connection

Module 12 - GUI

- Working with Tkinter module
- Creating graphical Windows, Frame
- Creating Text box, Label, Check buttons ,Radian buttons etc

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