



# Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Embedded Systems | Software | Mechanical | Automation

Trainings & Jobs

**100%** Placement Assistance

Contact : 8828222688 / 9224301650

[www.embeddedtechnosolutions.com](http://www.embeddedtechnosolutions.com)



**Industrial Certified**  
**Data Science & Analytics**

**We Are India's one of the Leading Trainings &  
Jobs Providing Organization**



**Skill India Mission**

कौशल भारत - कुशल भारत



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



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**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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## Data Science & Analytics

### Chapter 1 : Python

- IPython-Beyond-Normal-Python
- Help-And-Documentation
- Shell-Keyboard-Shortcuts
- Magic-Commands
- Input-Output-History
- IPython-And-Shell
- Errors-and-Debugging
- Timing-and-Profiling



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## Chapter 2 : NumPy

- Introduction-to-NumPy
- Understanding-Data-Types
- The-Basics-Of-NumPy-Arrays
- Computation-on-arrays-ufuncs
- Computation-on-arrays-aggregates
- Computation-on-arrays-broadcasting
- Boolean-Arrays-and-Masks
- Fancy-Indexing
- Sorting
- Structured-Data-NumPy

## Chapter 3 : Pandas

- Introduction-to-Pandas
- Introducing-Pandas-Objects
- Data-Indexing-and-Selection
- Operations-in-pandas



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- Missing-Values
- Hierarchical-Indexing
- Concat-And-Append
- Merge-and-Join
- Aggregation-and-Grouping
- Pivot-Tables
- Working-With-Strings
- Working-with-Time-Series
- Performance-Eval-and-Query

## Chapter 4 : Matplotlib

- Introduction-To-Matplotlib
- Simple-Line-Plots
- Simple-Scatter-Plots
- Error bars
- Density-and-Contour-Plots
- Histograms-and-Binnings
- Customizing-Legends



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- Customizing-Colorbars
- Multiple-Subplots
- Text-and-Annotation
- Customizing-Ticks
- Settings-and-Style sheets
- Three-Dimensional-Plotting
- Geographic-Data-With-Base map
- Visualization-With-Seaborn

## Chapter 5 : Machine Learning

- Machine-Learning
- What-Is-Machine-Learning
- Introducing-Scikit-Learn
- Hyper parameters-and-Model-Validation
- Feature-Engineering
- Naive-Bayes
- Linear-Regression
- Support-Vector





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- Random-Forests
  - Principal-Component-Analysis
  - Manifold-Learning
  - K-Means
  - Gaussian-Mixtures
  - Kernel-Density-Estimation
  - Image-Features



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## Placement Policy

- As we are working for industries for their product development, R&D, Customization & Manufacturing we get direct recruitment related notification from that companies whenever there is the recruitment in the that companies.
- Also other companies in the market they also call us regarding recruitment process.

These entire JOB related notifications we exclusively provide to our students and they can apply in that companies directly. We upload the password protected job notifications on our website, students can access that job notifications from our website with password.