

## CERTIFICATE COURSE IN DATA SCIENCE USING PYTHON

**Eligibility :** Basic knowledge of any Programming language.

**Duration:** 4 Weeks (2 Hrs/Day)

**Start Date :** 01-06-2020

### Course Outline :

- Introduction to data science with python
- Python – Introduction, Installation, Anaconda.
- Python Language and its programming constructs
- Python data structures : Strings, Lists, Tuples and Dictionary
- Functions and Packages
- Operations on Python data structures
- Numpy Library for n-dimensional arrays
- Data Science concepts – Loading data and cleaning data
- Pandas data structures Series and Data frames
  - Importing Data from various sources (Csv, txt, excel, access etc)
  - Viewing Data objects - subsetting, methods
  - Exporting Data to various formats
- Data preparation for Analytics
- Visualization of data through Matplotlib and Seaborn graphs

### Admission Process :

- Online Registration form at :  
<http://www.empanelment.nielit.in/>

### Course Fee :

- ₹ 2000/- + GST\*\* to be paid online  
at the time of Registration

### Training Strategy :

- Mode of Training is Instructor-led live Online.
- Interactive Query session.
- Soft copy of study material, Training PPT's & Projects Code.
- Training certificate on completion will be Provided.

### Prerequisite :

- Attendees must have a computer system/ Laptop with latest configuration with internet connection

**GST\*\* Current rate is 18%**  
**Helpline no. (Toll Free): 1800116511**