



**National Institute of Technical Teachers  
Training and Research Chandigarh**  
(Ministry of Education, Government of India)

**Computer Science & Engineering Department**

**4 to 6 Weeks Industrial Training Program for Students  
on  
Data Science (a Project based learning)**

**Mode: Online/Offline**

**Structure: Hands-on Training + Project Development**

➤ **Tentative Topics to be covered**

- Introduction to Data Science & Analytics
- Python Programming, Variable & Constants, Data Types
- Strings & Operators in Python
- Decision Control Structures, loops
- Python Data structures: Lists and Tuples, Dictionaries, Sets
- Functions & Arrays, python lambda
- Python Modules, Date & Time
- OOPS Concept: Classes & Object, Inheritance
- File Handling, Error & Exception Handling
- Regular Expression, Python PIP
- Data Analysis Steps, Getting Datasets, Identify problem Statement
- Data Visualization
- Data Pre-processing and
- Normalization Techniques
- Data Analysis using Linear Regression
- Introduction to Machine Learning
- Classification Algorithm
- Supervised & Unsupervised Learning
- Project Development

**Fee: Rs.6000 + 18% GST Total: Rs.7080 Contact : 9914496715**

**Registration Link: <http://www.nittrchd.ac.in/sitenew1/stdreg/studenttrg.php>**

**Note:**

1. Fee includes only Training Cost
2. Certificate will be provided to the students who successfully complete the Training & Project Development
3. Daily 2 hrs classes will be held. 100% attendance is compulsory.
4. Due to Current scenario of Corona Virus spread, NO hostel accommodation will be provided to any trainee.
5. If any student use Institute Mess then charges will extra as per the Institute norms.