

**GOKARAJU RANGARAJU**  
**Institute of Engineering and Technology**

GRIET, which has come to be synonymously pronounced with GREAT by the discerning observers and admirers, was established in 1997 under the patronage of Gokaraju Rangaraju Educational Society. GRIET was conceived and created by Dr. Gokaraju Gangaraju, the spirit and force behind the Laila group of Industries, dealing in paper, sugar, pharmaceuticals. The current student strength is over 2500 in 8 P.G.Streams and 8 U.G.Streams. GRIET is Accredited by National Board of Accreditation and also Autonomous Institute under JNTUH.

**About Department of Information Technology**

Started in 1999, the Department of Information Technology is one of the pioneer departments of GRIET, with a present intake of 120 students per year. The Department has well qualified faculty and well equipped laboratories. It conducts undergraduate course in IT reaccredited by National Board of Accreditation, and also postgraduate course in Software Engineering. The Department has liaison with reputed industries and R&D organizations. Besides the Teaching Learning Process, the Department frequently organizes Workshops, Guest Lectures, Quizzes and Group Discussions to enhance the skills of students and teaching community.

**Course Overview:**

Data science is an interdisciplinary field about scientific methods, processes, and systems to extract knowledge or insights from data in various forms, either structured or unstructured, similar to data mining. Python is great for backend web development, data analysis, artificial intelligence, and scientific computing.

**Data Science using Python Concepts**

1. Introduction to Data Science and Steps in Data Science
2. Basics of Python, loops, conditions
3. String, List, Tuple, Dictionary
4. Functions, Modules, Input & Output
5. Pandas for Data Frames
6. Matplotlib for Data Visualization
7. NLTK for Text Mining
8. Scikit-learn for Machine learning
9. Case Study

**Note: Every participant must come with their Laptop**

**Eligibility**

- UG Students
- PG Students
- Research Scholars
- Faculty

**Resource Persons**

- Dr N V Ganapathi Raju, Professor,  
Dept of IT, GRIET

**Hands on Session:**

- Dr. Y. J. Nagendra Kumar, Professor, IT, GRIET
- Mr. G. Vijendar Reddy, Assoc Prof, IT, GRIET
- Mrs. L. Sukanya, Asst Prof, IT, GRIET



**GOKARAJU RANGARAJU**  
**Institute of Engineering & Technology**  
**(Autonomous)**

**One Day Workshop**  
**on**  
**"Data Science using Python"**

**( 05 January, 2018 )**

**REGISTRATION FORM**

1. Applicant Name : \_\_\_\_\_
2. Email id : \_\_\_\_\_
3. Phone Number : \_\_\_\_\_
4. Department : \_\_\_\_\_
5. Institution : \_\_\_\_\_
6. Applicant's Status : Faculty /Research Scholar/ Student

**For Students:**

7. Class : \_\_\_\_\_
8. Roll No : \_\_\_\_\_

**For Staff:**

9. Educational Qualifications: \_\_\_\_\_
10. Experience: \_\_\_\_\_ Years  
Teaching: \_\_\_\_\_  
Research: \_\_\_\_\_  
Industry: \_\_\_\_\_

**Signature of the applicant**

### Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the workshop and shall attend the workshop for the entire duration. I also undertake the responsibility to inform the convener, in case I am unable to attend the workshop.

*Signature of the Applicant*

### SPONSORSHIP CERTIFICATE

Dr/Mr/Ms. \_\_\_\_\_

is an employee/ student of our Institute/Organization and is hereby sponsored to participate in the A special course on "Data Science using Python" on 05 January, 2018 conducted by Department of Information Technology, Gokaraju Rangaraju Institute of Engineering and Technology, Bachupally, Hyderabad 500 090.

Place:

Date:

Signature of Head of Institution  
(With seal)

### Registration fee

Registration Amount for Students : Rs. 100/-  
Registration Amount for Faculty/ Research Scholars : Rs. 200/-

### Organizing Committee

#### Patrons

Prof. P.S. Raju                      Director, GRIET

Dr. Jandhyala N Murthy          Principal, GRIET

#### Head of the Department of IT

Dr Y. Vijayalata    Professor & Head, Dept of IT

#### Program Convener

Dr. N. V. Ganapathi Raju      Professor, IT, GRIET

#### Co-ordinators

Dr. Y. J. Nagendra Kumar      Professor, IT

Mr. P. Gopala Krishna          Assoc Prof, IT

Mr. G. Vijendar Reddy          Assoc Prof, IT

Mrs. L. Sukanya                  Asst Prof, IT

Mrs. K. L. Sushma                Asst Prof, IT

Ms. Swapna Rani                 Asst Prof, IT

### Important Dates

Last date for Receipt of Application      02-01-2018

Last date for confirmation                  04-01-2018

Course Commencement                      05-01-2018

### Communication Address

Convener:

**Dr. N. V. GANAPATHI RAJU**

**Professor, Department of IT**

**GOKARAJU RANGARAJU**

Institute Of Engineering and Technology

(Autonomous Institute Under J.N.T.U.H)

Bachupally, Kukatapally, Hyderabad-500090.

Email: nvgraju@griet.ac.in

## One Day Workshop

on

## "Data Science using Python"

(05 January, 2018)



Organized by

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**GOKARAJU RANGARAJU**

**Institute of Engineering & Technology**

(Autonomous)

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