



# **SGT UNIVERSITY**

**SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY**

**(UGC Approved University)**

**GURGAON, Delhi-NCR**

**Industrial Training**

**Data Science using Python**

**Mr. Rohit Pahwal**

**Savant Association, Department of Physics, FOSSC**

**415, A-Block**

**12th December, 2022 to 13th December 2022**

## **Industrial Training**

### **Data Science using Python**

**Mr. Rohit Pahwal**

**Savant Association, Department of Physics, FOSC**

**415, A-Block**

**12th December, 2022 to 13th December 2022**

**Objective:** Data Science using Python

**About the Speaker/Guest:** Mr. Rohit Pahwal (Data Scientist)

1808/2 Sunder Singh Marg NEAR HONDA SHOWROOM Sector 14, Old DLF Colony, Gate,  
Gurugram, Haryana 12200

**Audience:** All Students of Faculty of Science

**Total students attended the programme:** 14

#### **Objectives of the program:**

1. Job Demand: Data Science is one of the most in-demand fields globally, offering numerous job opportunities and high salaries.
2. Problem Solving: Data Science enables students to solve real-world problems using mathematical and statistical methods and critical thinking.
3. Interdisciplinary: It integrates various disciplines such as mathematics, statistics, computer science, and domain-specific knowledge to derive insights and make informed decisions.
4. Business Insights: Data Science provides valuable insights into various industries, which can drive innovation and inform better business decisions.

**For whom:**

All the students of UG , SGT University

**Mode of Delivery**

The guest lecture was organized off-lin

**Detailed Program Report**

The Savant Association, Department of Physics, Faculty of Science, SGT University organised a two-day workshop cum training for M.Sc. Physics Students on Data Science using Python from 12.12.2022 to 13.12.2022. The training was provided by Mr Rohit Pahwal, Ducat, India. He is a well known expert of Machine Learning and Python, and currently handling projects from three different companies.

On the first day (12/12/2022), the students were briefed about the importance of data science for a physicist. Then they were introduced to python, Writing and Executing First Python Program, Python Language Fundamentals, Looping Statements, Set, Tuple & Data visualisation. On the second day (13/12/2022), students were taught about machine learning, types of machine learning, decision trees, linear and logistic regression.

They were also given knowledge about how to create, maintain, and improve machine learning algorithms and other data models. At the end, students were assessed for their learning outcomes by the trainer and the certificates were distributed to them. Lastly, Dr. Mukesh Kumar, Head, Department of Physics and Prof. R.C. Sharma, Associate Dean, Faculty of Science, presented mementos as a token of respect to Mr. Rohit Pahwal. Overall, the two-day training remained full of knowledge and excitement for students that ended with a vote of thanks to the trainer.

**Event Photographs:****Students Receiving Certificates**



**Chris Bernard (MSc student) receiving certificate**



**Er. Mohit Deleviring Lecture**



**Speaker clarifying Doubts of the Students**

Attendance

KM NEHA RANI
PREETAM
MONIKA
VASUNDHARA YADAV
SAKSHI
KOMAL YADAV
PARUL KHURANA
KAJAL
SHIWANI
ISHIKA MUDGIL
RITU
VINNY GOYAL
VISHESH KUMAR
BHARTI
RUBY DANGI
JAGRITI
RAHUL
CHHAYA BHATIA
Chris J Bernard
Anjali

*Neha*  
*Preetam*  
*Monika*

*Vasudra*  
*Sakshi*

*Komal*  
*Parul*  
*Shiwani*  
*Ritu*

*Vinny*

*Ruby*  
*Rahul*  
*Chayya B*

*Chris J Bernard*

*Anjali*

*[Signature]*



**SGT UNIVERSITY**  
SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY  
(UGC & AICTE Approved) Gurugram, Delhi-NCR

Dr. Mirza Tanweer Ahmad Beig <mirza\_fpsc@sgtuniversity.org>

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## Permission for training on Data Science from 12th December to 13th December 2022

2 messages

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Dr. Yogesh Sharma <yogesh\_fosc@sgtuniversity.org>

Tue, Dec 6, 2022 at 10:50 AM

To: "marketing@ducatindia.com" <marketing@ducatindia.com>

Cc: "Head. physics" <hod.physics.fosc@sgtuniversity.org>, "Dr. Mirza Tanweer Ahmad Beig"

<mirza\_fpsc@sgtuniversity.org>

Dear Sir,

As per our telephonic conversation, we from the Department of Physics, Faculty of Science, SGT University want to train M.Sc. Physics students in Data Science.

We plan to visit DUCAT GURGAON, 1808/2 [Sunder Singh Marg](#) NEAR HONDA SHOWROOM Sector 14, Old DLF Colony, Gate, Gurugram, Haryana 122001, **from 12<sup>th</sup> December to 13<sup>th</sup> December 2022.**

This visit will help the students to learn about Data Science. Dr. Mirza Tanweer Ahmad Beig and Dr. Yogesh Sharma, Assistant Professor, Department of Physics, Faculty of Science, SGT University, will accompany the students during the visits.

Please grant us permission and send a confirmation email for official purposes.

Thank you!

[With warm regards](#)

**DR. YOGESH SHARMA (Ph.D. BHU & PDF IPR DAE, Gandhinagar Gujarat)**

**Assistant Professor**

**Department of Physics, Faculty of Science**

**Shree Guru Gobind Singh Tricentenary (SGT) University**

**Gurgaon-Badli Road Chandu, Budhera, Gurugram, Haryana 122505 INDIA**

**Phone: +91-9169473256, 9979273570**

**E-mail: [uvsbhu@gmail.com](mailto:uvsbhu@gmail.com), [yogesh\\_fosc@sgtuniversity.org](mailto:yogesh_fosc@sgtuniversity.org)**

**<https://sgtuniversity.ac.in/>**

**RESEARCH PROFILE**

**[https://www.researchgate.net/profile/Yogesh\\_Sharma41](https://www.researchgate.net/profile/Yogesh_Sharma41)**

**<https://scholar.google.co.in/citations?user=owCh30cAAAAJ&hl=en>**

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ducat marketing <marketing@ducatindia.com>

Tue, Dec 6, 2022 at 1:19 PM

To: "Dr. Yogesh Sharma" <yogesh\_fosc@sgtuniversity.org>

Cc: "Head. physics" <hod.physics.fosc@sgtuniversity.org>, "Dr. Mirza Tanweer Ahmad Beig"

<mirza\_fpsc@sgtuniversity.org>

Dear Sir,

As per your Conversation with Mr. Rohit Pahwa, I am sharing a confirmation mail with you to confirm the Industrial Visit on **12th to 13th December 2022**, Timing will be **11.00 AM to 2.00 PM**, And commercial charges **500/- per student( as minimum 20 students) .**

Best Regards

On Tue, 6 Dec 2022 at 10:50, Dr. Yogesh Sharma <yogesh\_fosc@sgtuniversity.org> wrote:

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[With warm regards](#)

**DR. YOGESH SHARMA (Ph.D. BHU & PDF IPR DAE, Gandhinagar Gujarat)**

**Assistant Professor**

**Department of Physics, Faculty of Science**

**Shree Guru Gobind Singh Tricentenary (SGT) University**

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**<https://sgtuniversity.ac.in/>**

**RESEARCH PROFILE**

**[https://www.researchgate.net/profile/Yogesh\\_Sharma41](https://www.researchgate.net/profile/Yogesh_Sharma41)**

**<https://scholar.google.co.in/citations?user=owCh30cAAAAJ&hl=en>**