



SGT UNIVERSITY

SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY
(UGC Approved) Gurugram, Delhi-NCR

Budhera, Gurugram-Badli Road, Gurugram (Haryana) – 122505 Ph. : 0124-2278183, 2278184, 2278185

A lecture series on **“Data Science & Machine Learning”**

Topic: Mastering Data Science: Introduction & Application



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Budhera, Gurugram-Badi Road, Gurugram (Haryana) - 122505 Ph. : 0124-2276181, 2276182

A lecture series on "Data Science & Machine Learning"
Topic: Mastering Data Science: Introduction & Application

Bhaskara's Association & Alumni Association (AASGTU)

29th May 2023

11:00AM-1:00PM

Department of Mathematics, Faculty of Science, SGT University

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FACULTY OF SCIENCE

The Bhaskara Association, Department of Mathematics
under the aegis of Alumni Association (AASGTU)
presents an Expert Talk on

MASTERING DATA SCIENCE: INTRODUCTION & APPLICATION

(As a part of the Lecture Series on
"Data Science & Machine Learning")

Organizers



Dr. Neha Anand
Associate Professor
Department of Mathematics
Faculty of Science
SGT University



Dr. Suman Khatun
Associate Professor
Department of Mathematics
Faculty of Science
SGT University



Dr. Pradeep Malik
Associate Professor
Department of Mathematics
Faculty of Science
SGT University



Prof. Dr. Lakshinder Singh
Associate Professor
Department of Mathematics
Faculty of Science
SGT University

Resource Person



Mr. Rajat Kumar

Data Scientist,
Genpact, Gurugram
(Alumni, Department of Mathematics,
FOSC)

29th May, 2023 | 11:00 AM Onwards
Venue: Room 415, A-Block



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Brief Profile of Speaker:

Mr. Rajat Kumar, Data Scientist, Genpact, Gurugram (Alumni, Department of Mathematics, Faculty of Science)

Organizers:

Convener: Dr. Pradeep Malik, Associate Professor & Head, Department of Mathematics, FOSS, SGT University, Gurgaon.

Co-Convener: Dr. Mahvish Ali, Assistant Professor, Department of Mathematics, FOSS, SGT University, Gurgaon.

Alumni-Coordinator: Dr. Vineeta Saini, Assistant Professor, Department of Forensic Science, FOSS, SGT University, Gurgaon.

Report of the Seminar/ Event / FDP Program:

a) Introduction:

Data science has emerged as one of the most exciting and sought-after fields in recent years. With the explosive growth of data and technological advancements, organizations across various industries are realizing the immense value that can be derived from effectively analysing and interpreting data. As a result, the demand for skilled data scientists who can extract meaningful insights from data has skyrocketed.

b) Objective of the Event :

Mastering data science involves a combination of statistical analysis, programming skills, domain knowledge, and critical thinking. It encompasses the entire data lifecycle, from data collection and cleaning to analysis and visualization. By leveraging advanced algorithms, machine learning techniques, and big data technologies, data scientists can uncover patterns, make predictions, and drive informed decision-making.

Some specific objectives are:

1. Introduce Data Science
2. Explore Data Science Workflow
3. Discuss Data Acquisition and Preprocessing
4. Introduce Exploratory Data Analysis (EDA)

c) Brief content of event-



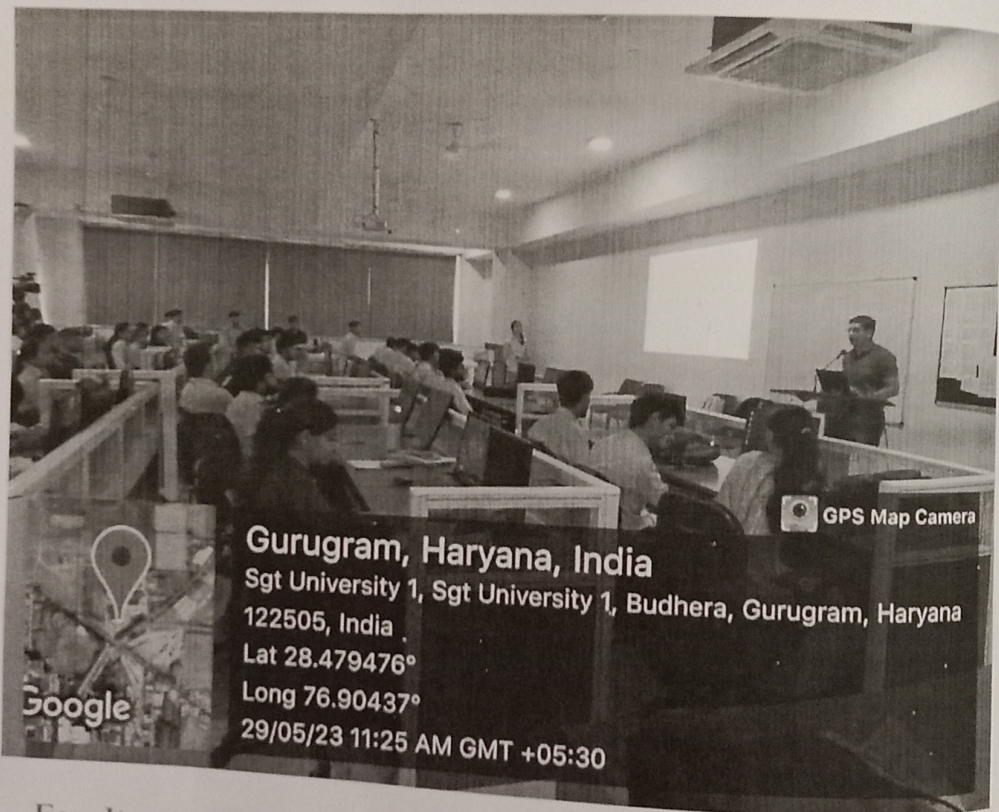
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The "Mastering Data Science: Introduction & Application" lecture provided a comprehensive introduction to the field, equipping attendees with the fundamental knowledge and skills to excel in data science. It covered topics such as data preprocessing, exploratory data analysis, statistical concepts, machine learning, and real-world applications, offering a holistic view of the data science workflow. Additionally, ethical considerations and responsible data usage were emphasized. At the end of the lecture, participants had gained a solid foundation in data science, enabling them to leverage the power of data and extract meaningful insights for a range of applications.

a) Screenshots of Seminar/ Picture of Event: Good quality picture with legends is mandatory



Faculty members, research scholars, UG/PG students attending the event

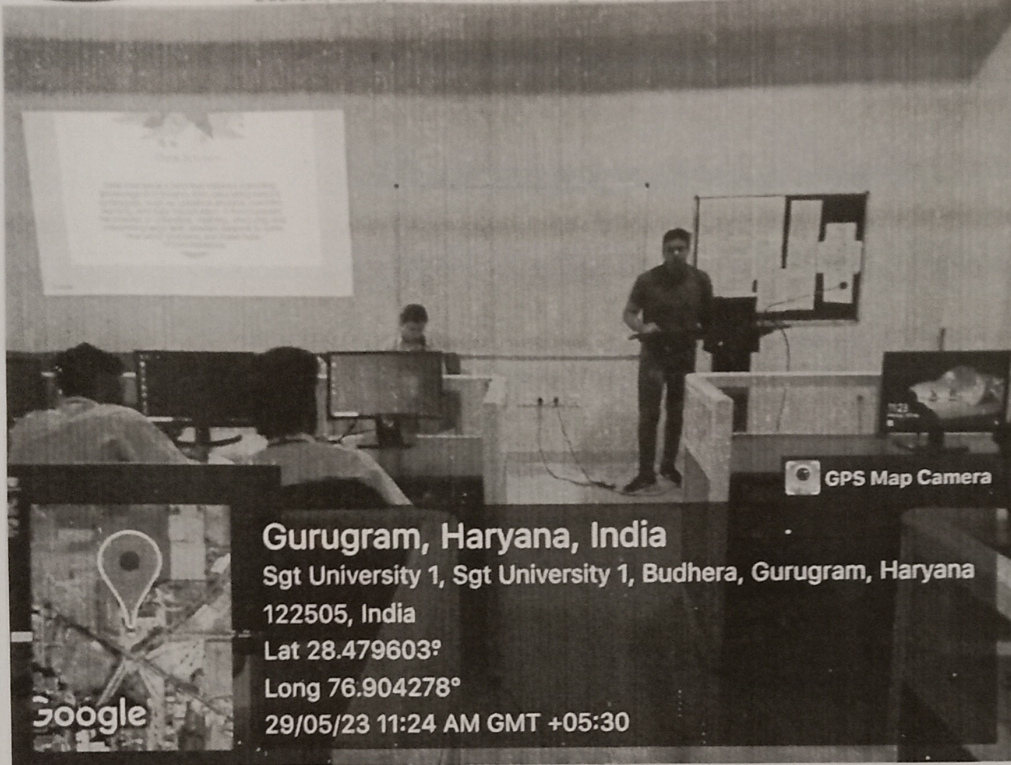


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Gurugram, Haryana, India

Sgt University 1, Sgt University 1, Budhera, Gurugram, Haryana
122505, India

Lat 28.479603°

Long 76.904278°

29/05/23 11:24 AM GMT +05:30

Mr. Rajat Kumar delivering his lecture during the event.



List of participants

Event: A lecture series on "Data Science & Machine Learning"
Topic: Mastering Data Science: Introduction & Application

Date: 29th May 2023

Time: 11:00am-1:00pm

Participants

All UG/PG students, research scholars and faculty members from SGT University

Attendance Sheet
Lecture series on Data Science & Machine Learning
Topic: Mastering Data Science: Introduction & Application
The Thinkers Association
Department of Mathematics
Faculty of Science
SGT University
under the aegis of Alumni Association (AASGTU)
29th May, 2023

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10	Sham	21171010	sham@sgtu.ac.in	
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23	Sham	21171023	sham@sgtu.ac.in	
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Manish Dhillon