JERUSALEM COLLEGE OF ENGINEERING
AN AUTONOMOUS INSTITUTION
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Velachery Main Road, Narayanapuram, Pallikaranai, Chennai, Tamil Nadu - 600100.

DEPARTMENT OF INFORMATION TECHNOLOGY

Guest Lecture on Data Analytics using Python and applications of Data Science

Objectives of the Guest Lecture:

- To guide the students and faculty members about the primary goal of a data analyst is to increase efficiency and improve performance by discovering patterns in data.
- To assist participants in understanding Data analysis IT industry point of view.

Date: 10th December 2021 **Time**: 2:00 pm to 4:00 pm

Venue: Google Meet **Speaker:** Vaibhav Raja

Coordinator: Mr.D.Sudhagar, Associate Professor, Department of Information Technology

Participants: 90+ students and 10+ faculty members participated in the workshop.

Summary:

Information Technology Department of Jerusalem College of Engineering organized a Guest Lecture on "Data Analytics using Python and Applications of Data Science" in association with EPOC CLUB of IT and Association of Information of Technologists [AIT], on 10th December 2021. The Guest Lecture was aimed to guide the participants on mind-set required for data analytics and the application of data science.

Prof. K.Sundaramoorthy Prof&Head-IT Department commenced the session at 2:00 pm by introduced eminent speaker Ms.Preethi S, III/IT, and then Mr. Prashanth.K, III-IT presided over welcome speech.

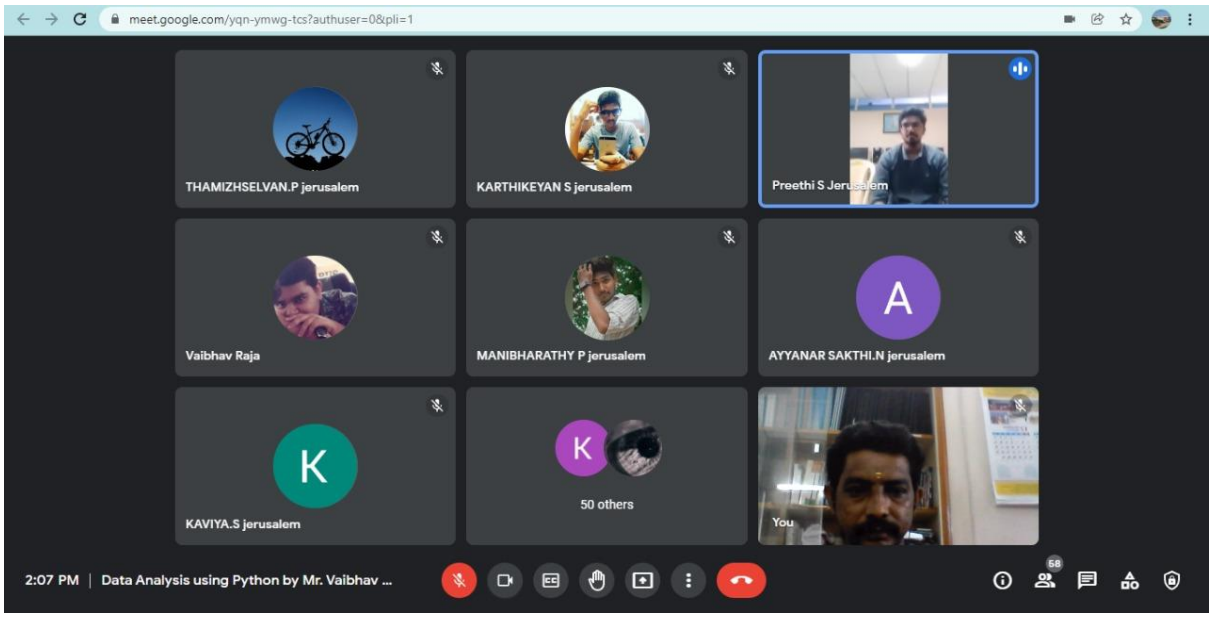
The main resource person for the course Mr.Vaibhav Raja is a Data Scientist and Research Scholar at Object Automation Software Solutions, a leading Data Science Company in Chennai and has completed B.Tech in Information Technology at Jerusalem College of Engineering, Chennai. He has given 20+ webinars and faculty development programs to SASTRA University, Jain University Bangalore, SRM Ramapuram, SRIT Andhra pradesh, the New College Chennai and much more institutions. Recently, he has also delivered on "AI Applications on POWER9 System" at the OpenPOWER Virtual Summit, an International Summit on October 2021. He is having a good knowledge in Programming Languages and interested in adding new skills to his repertoire. He is proficient in Machine Learning and Deep Learning Programs and currently working on ML use-cases using IBM's AIX OS.

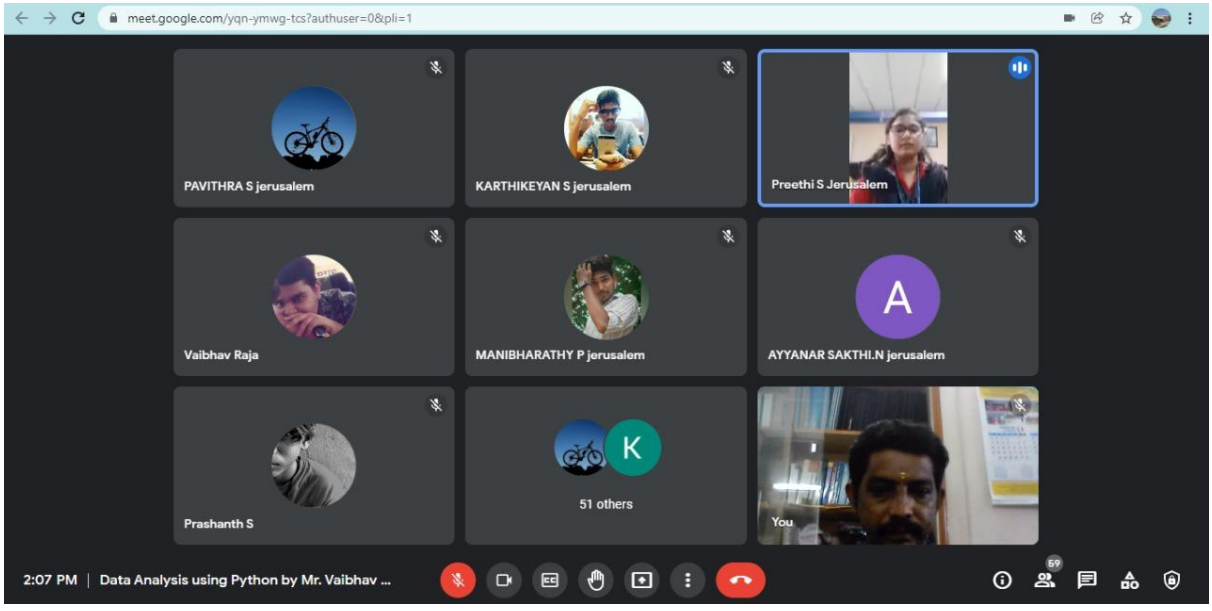
The contents covered in the session included in detail about what is data science, real time examples of data analytics with python, how to use jupyter notebooks, introduction to numpy and pandas and finally reading data file from CSV files.

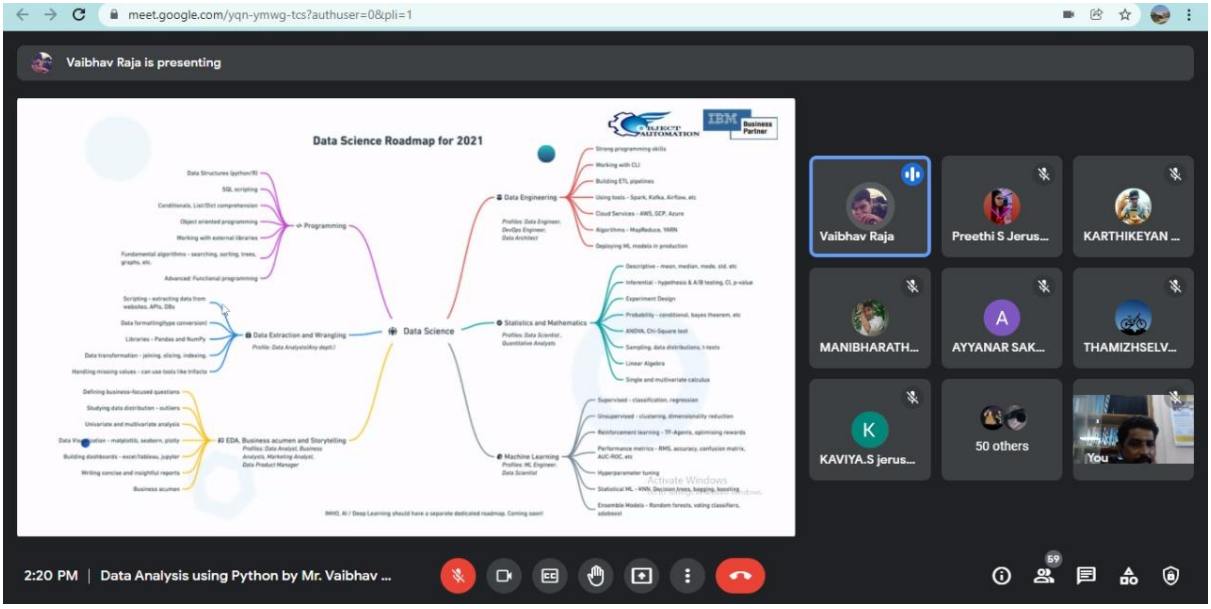
Finally the session was concluded by vote of thanks by Mr.Aravindharaj III-IT. We acknowledge and thank management of Jerusalem College of Engineering for providing the necessary infrastructure for conducting the workshop. We also thank Dr.S.Ramesh – Principal/JCE, Dr. Ramalingam-Director/JCE, Dr.Anuradha-Dean Academics/ JCE for her guidance and motivation in organizing the event.

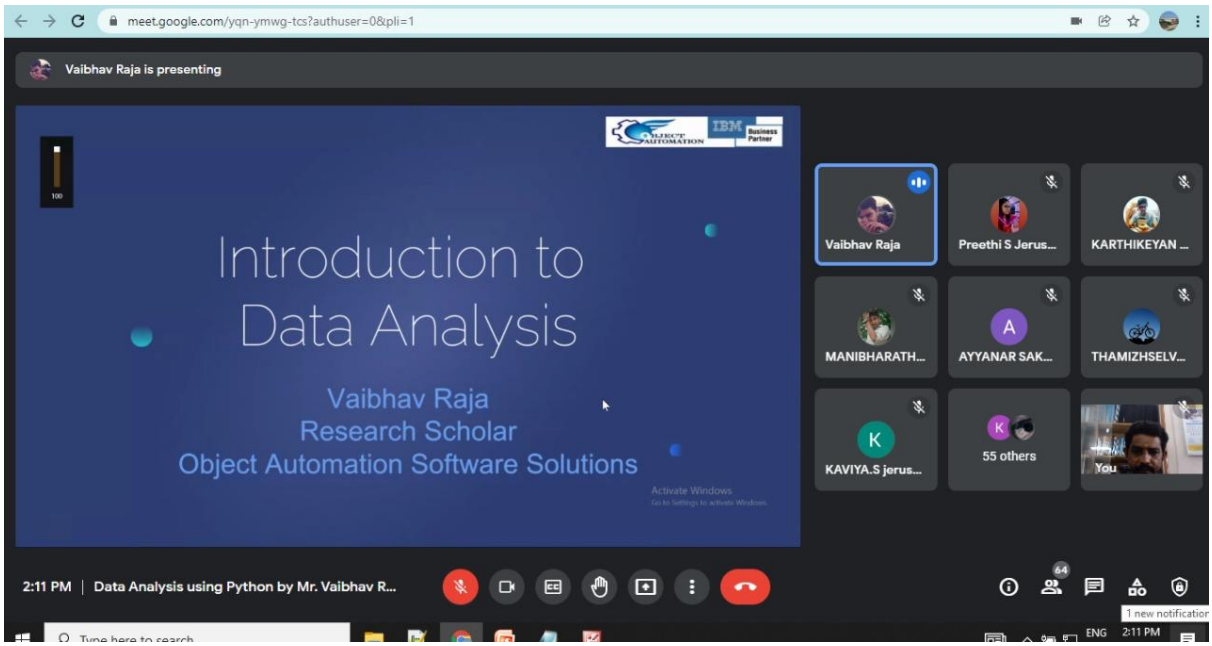
Herewith we have attached some glimpses of our Guest Lecture.

PHOTO GLIMPSES






meet.google.com/yqn-ymwg-tcs?authuser=0&pli=1
Vaibhav Raja is presenting
Data Science Roadmap for 2021
Data Science
Programming
Data Extraction and Wrangling
EDA, Business acumen and Storytelling
Data Engineering
Statistics and Mathematics
Machine Learning
Vaibhav Raja
Preethi S Jerus...
KARTHIKEYAN ...
MANIBHARATH...
AYYANAR SAK...
THAMIZHSELV...
KAVIYA.S jerus...
50 others
You
2:20 PM | Data Analysis using Python by Mr. Vaibhav ...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Vaibhav Raja is presenting
Introduction to
Data Analysis
Vaibhav Raja
Research Scholar
Object Automation Software Solutions
Vaibhav Raja
Preethi S Jerus...
KARTHIKEYAN ...
MANIBHARATH...
AYYANAR SAK...
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55 others
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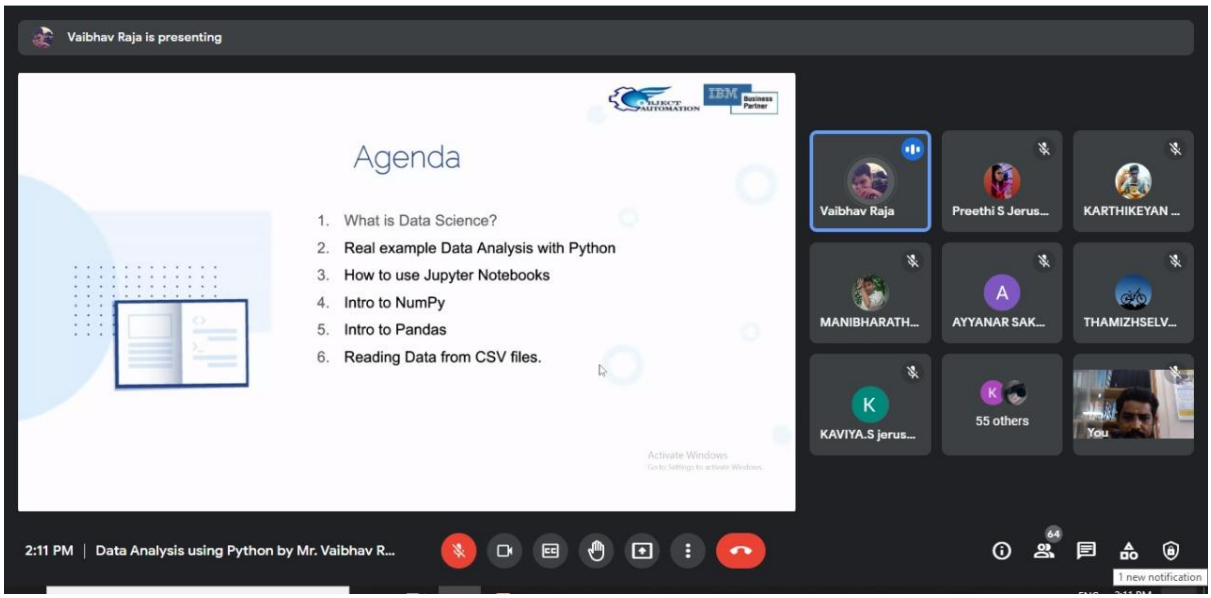
2:11 PM | Data Analysis using Python by Mr. Vaibhav R...
1 new notification


Vaibhav Raja is presenting
Agenda
1. What is Data Science?
2. Real example Data Analysis with Python
3. How to use Jupyter Notebooks
4. Intro to NumPy
5. Intro to Pandas
6. Reading Data from CSV files.
Vaibhav Raja
Preethi S Jerus...
KARTHIKEYAN ...
MANIBHARATH...
AYYANAR SAK...
THAMIZHSELV...
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55 others
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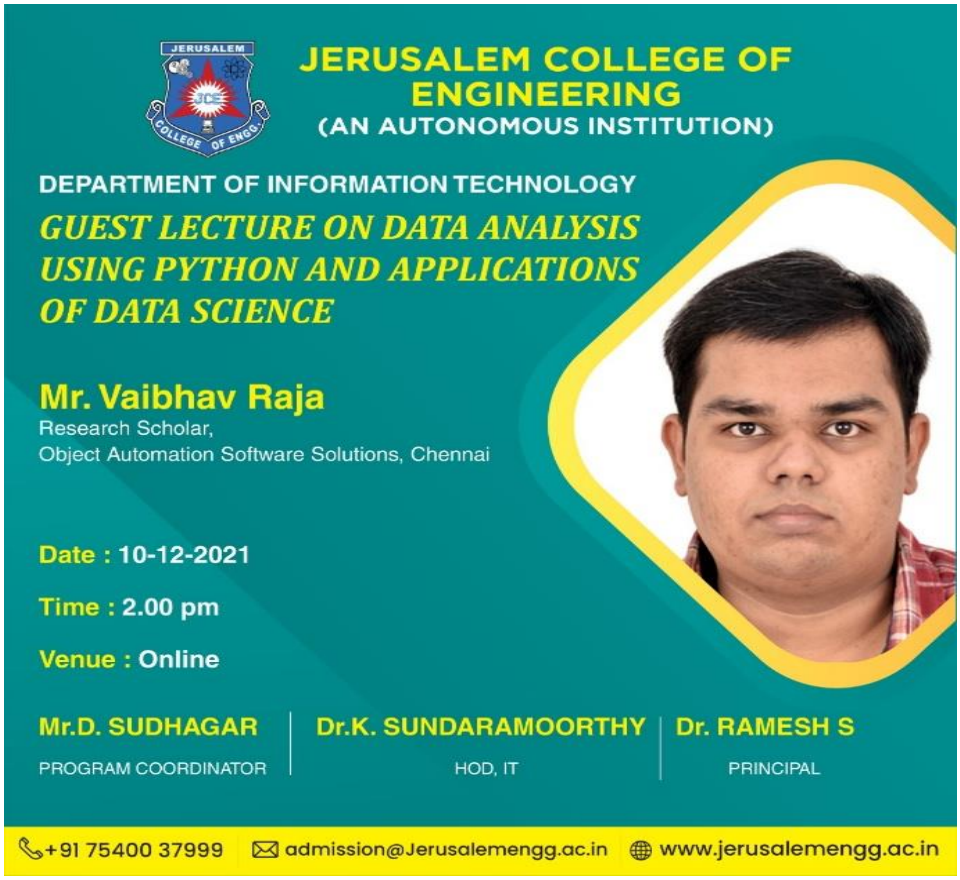
POSTER



PROGRAM CO-ORDINATOR **HOD/IT**