



## Workshop on Trends in Python

### Objectives of the Workshop:

- ❖ To guide the students and faculty members about the primary goal of a programming knowledge in python.
- ❖ To assist participants in understanding the trends in Python.

**Date:** 14th December 2021

**Time:** 2:00 pm to 4:00 pm

**Venue:** Google Meet

**Speaker:** Mr.M.Akshay Kumar

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

**Participants:** 80+ students and 10+ faculty members participated in the workshop.

### Summary:

Information Technology Department of Jerusalem College of Engineering organized a Guest Lecture on "TRENDS IN PYTHON" in association with EPOC CLUB of IT and Association of Information of Technologists [AIT], on 14th December 2021. The Guest Lecture was aimed to guide the participants on mind-set required for trends in Python.

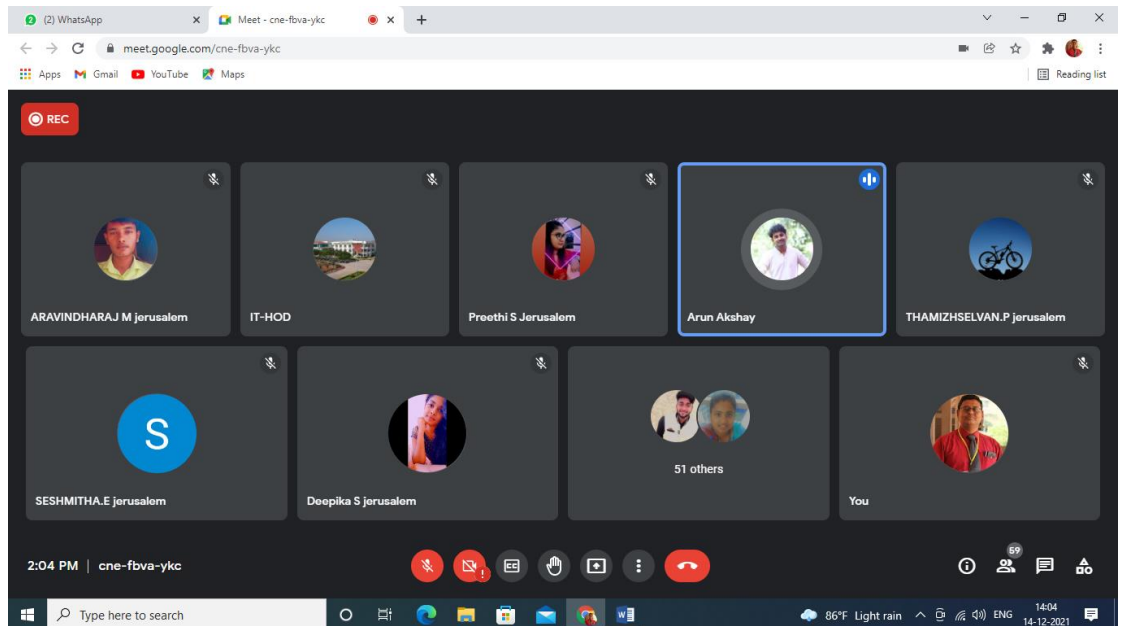
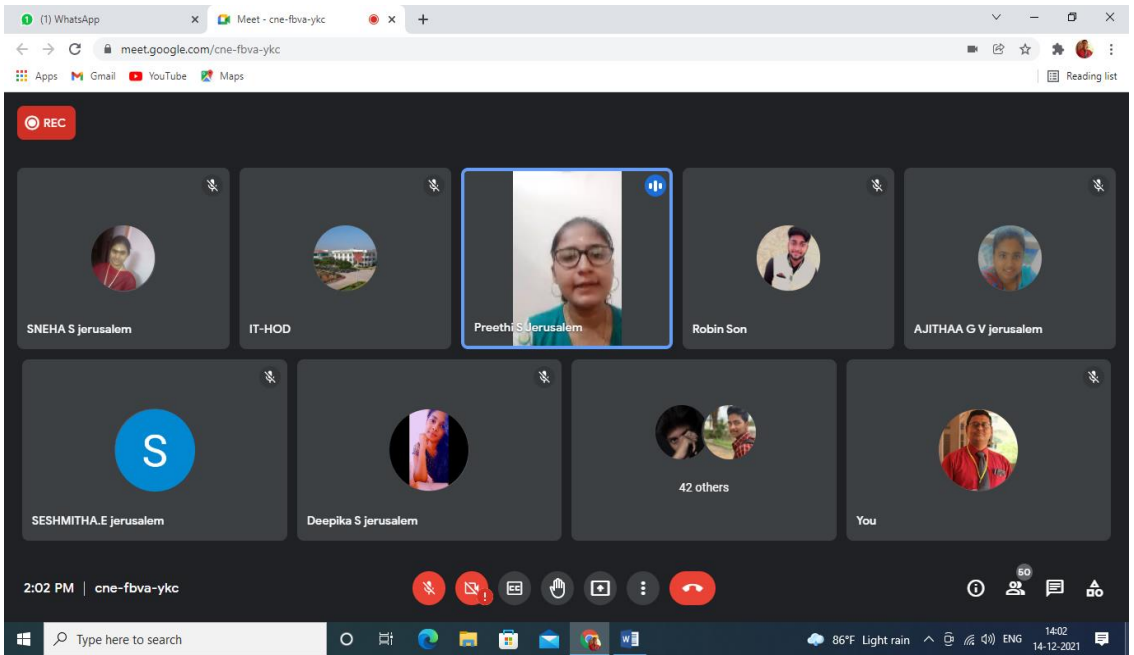
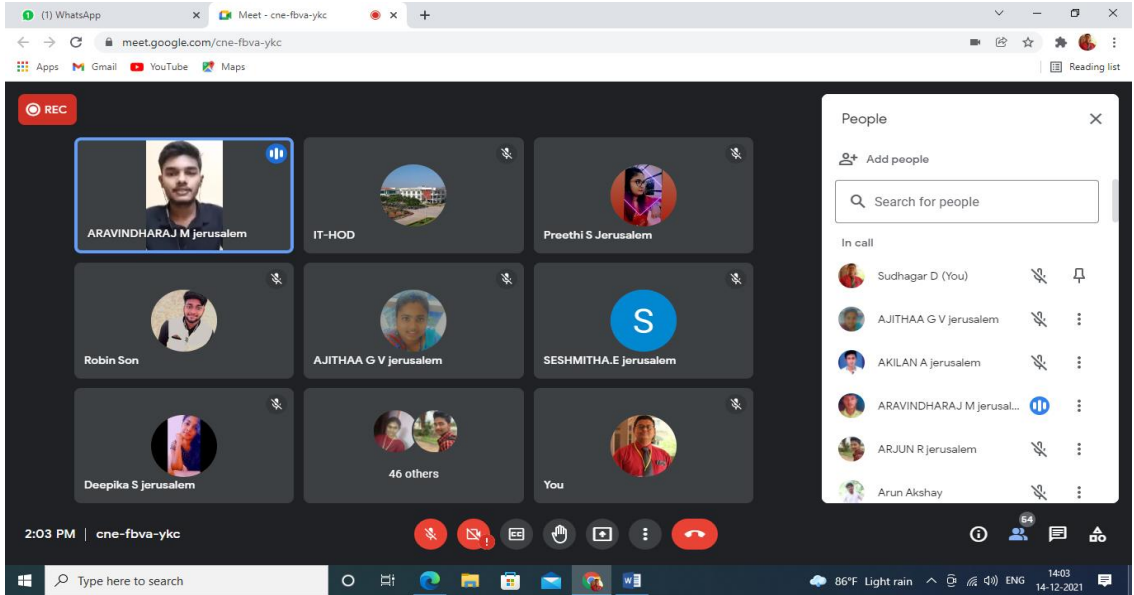
Mr.D.Sudhagar, Associate Professor-IT Department commenced the session at 2:00 pm by introduced eminent speaker Ms.Preethi S, III-IT, and then Mr.Aravindharaj, III-IT presided over welcome speech.

The resource person of the workshop Mr.AkshayKumar. He completed his schoolings in Sri Sankara Vidhyalaya pammal and he has completed B.Tech in Information Technology at Jerusalem College of engineering Chennai. He is python Automation developer using data science library, python corporate trainer and senior system engineer, Infosys limited.The contents covered in the session included in detail about the Python history, why python's are used in many platforms, and Python related theories etc.

Finally the session was concluded by vote of thanks by Mr.Parthasarathy 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.M.Ramalingam-Director-JCE, Dr.P.Anuradha-Dean Academics- JCE for her guidance and motivation in organizing the event.

Herewith we have attached some glimpses of our workshop.

# PHOTO GLIMPSES



WhatsApp Meet - cne-fbva-ykc

meet.google.com/cne-fbva-ykc

REC

ARAVINDHARAJ M Jerusalem IT-HOD Preethi S Jerusalem

Arun Akshay Robin Son SESHMITHA.E Jerusalem

Deepika S Jerusalem 50 others You

2:05 PM | cne-fbva-ykc

People

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In call

- Sudhagar D (You)
- AJITHAA G V Jerusalem
- AKILAN A Jerusalem
- ARAVINDHARAJ M Jerusalem...
- ARJUN R Jerusalem
- Arun Akshay

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REC Arun Akshay is presenting

New Microsoft PowerPoint Presentation - PowerPoint

### Why Python ?

- Works on different platforms.
- Simple English words as Syntax.
- Able to achieve the requirements in few line of codes.
- Can handle big data and complex arithmetic's.

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REC Arun Akshay is presenting

```
Python 3.8.5
In [4]: from random import randint
In [5]: # Create a list of random numbers
In [6]: random_numbers = [randint(1, 100) for _ in range(10)]
In [7]: print(random_numbers)
In [8]: # Sort the list
In [9]: sorted_numbers = sorted(random_numbers)
In [10]: print(sorted_numbers)
In [11]: # Find the maximum and minimum values
In [12]: max_value = max(random_numbers)
In [13]: min_value = min(random_numbers)
In [14]: print(max_value, min_value)
In [15]: # Calculate the sum of all elements
In [16]: total_sum = sum(random_numbers)
In [17]: print(total_sum)
In [18]: # Calculate the average
In [19]: average = total_sum / len(random_numbers)
In [20]: print(average)
In [21]: # Find the index of a specific element
In [22]: target = 50
In [23]: index = sorted_numbers.index(target)
In [24]: print(index)
In [25]: # Find the index of the first occurrence of a specific element
In [26]: target = 50
In [27]: index = sorted_numbers.index(target)
In [28]: print(index)
In [29]: # Find the index of the last occurrence of a specific element
In [30]: target = 50
In [31]: index = sorted_numbers.index(target)
In [32]: print(index)
In [33]: # Find the index of the first occurrence of a specific element
In [34]: target = 50
In [35]: index = sorted_numbers.index(target)
In [36]: print(index)
In [37]: # Find the index of the last occurrence of a specific element
In [38]: target = 50
In [39]: index = sorted_numbers.index(target)
In [40]: print(index)
In [41]: # Find the index of the first occurrence of a specific element
In [42]: target = 50
In [43]: index = sorted_numbers.index(target)
In [44]: print(index)
In [45]: # Find the index of the last occurrence of a specific element
In [46]: target = 50
In [47]: index = sorted_numbers.index(target)
In [48]: print(index)
In [49]: # Find the index of the first occurrence of a specific element
In [50]: target = 50
In [51]: index = sorted_numbers.index(target)
In [52]: print(index)
In [53]: # Find the index of the last occurrence of a specific element
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In [81]: # Find the index of the first occurrence of a specific element
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In [84]: print(index)
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In [88]: print(index)
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In [91]: index = sorted_numbers.index(target)
In [92]: print(index)
In [93]: # Find the index of the last occurrence of a specific element
In [94]: target = 50
In [95]: index = sorted_numbers.index(target)
In [96]: print(index)
In [97]: # Find the index of the first occurrence of a specific element
In [98]: target = 50
In [99]: index = sorted_numbers.index(target)
In [100]: print(index)
```

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## POSTER

**JERUSALEM COLLEGE OF ENGINEERING**  
(AN AUTONOMOUS INSTITUTION)  
DEPARTMENT OF INFORMATION TECHNOLOGY

**WORKSHOP ON TRENDS IN PYTHON**

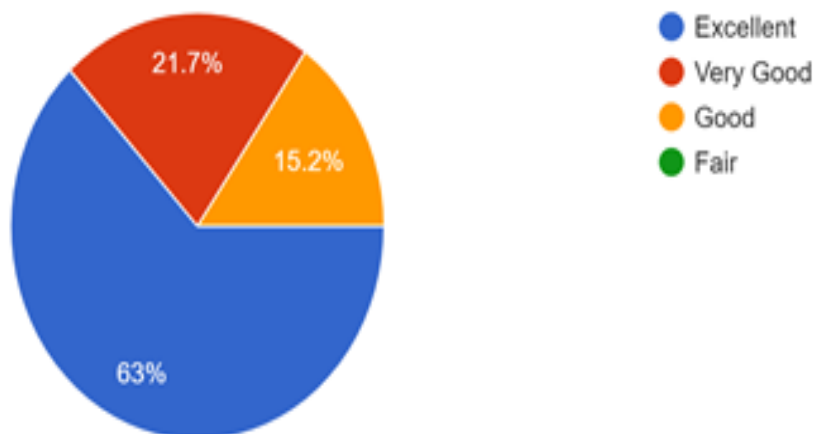
**Mr. Akshay Kumar M**  
Senior System Engineer Infosys, Chennai

Date : 14-12-2021  
Time : 2.00 pm  
Venue : Online

**Mr.D.SUDHAGAR** | **Dr.K.SUNDARAMOORTHY** | **Dr.RAMESH S**  
PROGRAM COORDINATOR | HOD, IT | PRINCIPAL

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## FEEDBACK FORM REPORT



**PROGRAM CO-ORDINATOR**

**HOD/IT**

**PRINCIPAL**