



# POORNIMA

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## COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

### **A Report**

On

One Week (Five Day) Workshop on

**“Introduction to Python Programming”**

**(TEQIP-III Sponsored)**

**(25 - 29 January 2021)**

Organized by:

**Rajasthan Technical University, Kota &  
Department of Information Technology,  
Poornima College of Engineering, Jaipur**

**Venue: Online Mode**



**SESSION: 2020-21**

**DEPARTMENT OF INFORMATION TECHNOLOGY  
POORNIMA COLLEGE OF ENGINEERING, JAIPUR**

  
**Dr. Mahesh Bunde**  
B.E., M.E., Ph.D.  
Director  
Poornima College of Engineering  
ISI-6, RICO Institutional Area  
Sitapura, JAIPUR

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## 1. WORKSHOP BROCHURE



**PCE ORGANIZING COMMITTEE**

Mr. Pankaj Dhemla Dr. Rekha Nair Mr. Devendra Somvanshi Mr. Saurabh Anand Dr. Pushendra Sisodia Ms. Shazia Haque Mr. Shirish Nagar Mr. Amit Kumar Jha Ms. Sita Gupta Ms. Richa Mehra	Vice-Principal, PCE Dean Year, PCE Registrar, PCE Assistant Professor & HoD Assistant Professor & Dy. HoD Associate Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor
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**RESOURCE PERSONS**

The resource persons for the Workshop will be Industry experts in the area of IT and Python expertise from esteemed Institutions and corporate firms.

**ELIGIBILITY**

This course is open to all the students of AICTE Approved Institutions. Number of participants for Workshop is limited. All the sessions will be conducted online only.

**IMPORTANT DATES**

Last date of Online Registration	January 22, 2021
Intimation of selection by mail	January 23, 2021
Workshop duration	January 25-29, 2021

**REGISTRATION AND FEE PARTICULARS**

- There is no registration fee for the students from AICTE approved Institutions
- Registration for the program may be done by filling the Registration Form online through the Reg. Link given below:  
Link: <https://tinyurl.com/yylzgt78>



**CORRESPONDENCE**

**DR. HARISH SHARMA**  
Event Coordinator, RTU  
☎ : +91-6375376492  
✉ : sharish@rtu.ac.in

**MR. SAURABH ANAND**  
Event Coordinator, PCE  
☎ : +91-9549785222, 7976698220  
✉ : saurabh.anand@poornima.org

**Venue**

**Department of Information Technology**  
**Poornima College of Engineering**  
ISI-6, RIICO Institutional Area, Sitapura, Jaipur, Rajasthan 302022  
[www.pce.poornima.org](http://www.pce.poornima.org)





RTU (ATU) TEQIP-III SPONSORED

One Week (5 Days) Workshop  
on  
**Introduction to Python Programming**  
**January 25-29, 2021**

**Jointly Organized by**

**Rajasthan Technical University, Kota**  
&  
**Department of Information Technology**  
**POORNIMA**  
COLLEGE OF ENGINEERING  
Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NBA

**ABOUT TEQIP-III**

The Project, third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelfth Five-Year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

**RAJASTHAN TECHNICAL UNIVERSITY**

Rajasthan Technical University (RTU) is located in Kota in the state of Rajasthan. It was established in 2006 by the Government of Rajasthan. The University currently affiliates about 129 Engineering Colleges, 4 B.Arch., 41 MCA Colleges, 95 MBA Colleges, 44 M.Tech. Colleges and 3 Hotel Management and Catering Institutes. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

**POORNIMA COLLEGE OF ENGINEERING**

Poornima College of Engineering (PCE), established as a brand of technical education in the year 2000, has its own glorious legacy of leading the young engineers to the mammoth sky of success. Its accomplishments forecast its journey through the hardships and its triumph over them one after another. PCE left no stone unturned since its establishment in turning the glorious vision into unbelievable reality providing the platform for knowledge and research and their practical implementations in different engineering professional prospects. Glorious glimpses of PCE:

- Highly recognized and renowned affiliated technical institution all over Rajasthan with built up area more than 3.5 lacs square feet
- Affiliated to RTU, Kota & approved by AICTE, New Delhi
- The most preferred NBA Accredited Engineering College with running of six specializations of Engineering at UG Level (CSE, ECE, EE, ME, IT, CIV) and two at PG Level (CS & VLSI)
- The only institution permitted by RTU to admit FN/PIO/Gulf students & designated as centre of excellence by IBM

**DEPARTMENT OF INFORMATION TECHNOLOGY**

The Department of Information Technology of PCE was established in 2001. The department is considered one of the vibrant departments of the college as far as results and placements are concerned. At present, the department has the intake of 60 students providing all the amenities of infrastructure related to knowledge, research, experiments and training. The Department aims to provide both theoretical as well as practical know-how to its students and make them employable and ready for industry intake. The department has produced excellent IT engineers who are serving in different reputed organizations and pursuing higher studies at institutes of excellence. The department has very close interaction with local and national industries and their inputs are taken into consideration to give value additions to our seminars, projects, various workshops and training programs.

**ABOUT THE WORKSHOP**

Python is a very versatile and easy-to-learn programming language with an extensive library of open tools allowing users to solve a variety of problems. Python has a rich ecosystem of libraries and tools for scientific computing and data science. There are libraries that provide a powerful interactive computing environment both on the console as well as on a web-browser. Python can interface relatively easily with other well-established languages like FORTRAN/C and C++. In addition to this Python also has libraries to build user interfaces, build web applications, interface to hardware, and a whole host of other domains. This makes Python an excellent language to learn opening up a world of possibilities to users who desire to use their computers more effectively.

**COURSE MODULES**

**Day 1:** Introduction to Python: Basic Python - Syntax, if-else, Loops, Functions, String, Exception Handling, File Handling, Data Structure in Python (List and Dictionary)

**Day 2:** Python Data Structures & Library: Tuple and Set, NumPy in Python, Web Scraping using Python

**Day 3:** Data Manipulation: Data Manipulation using Pandas, Linear Regression using Python, Data visualization using matplotlib

**Day 4:** Data Preprocessing: Data Preprocessing with Python using scikit learn, Machine learning using python and scikit learn, Building Classifiers using Python

**Day 5:** Application and Resources for Data Science: K-Means for cluster Analysis, Application and Resources for Data Science, Logistic Regression using Python

**OBJECTIVE OF THE WORKSHOP**

- To provide a forum to exchange views, ideas & the latest innovations in the field of Python Programming.
- To offer learning basics, emerging trends, and challenges in the field of Python Programming.
- To introduce Python Programming and to provide opportunities to further widen the knowledge and to pursue research.

**WORKSHOP COMMITTEE**

**CHIEF PATRON**  
Prof. (Dr.) R. A. Gupta  
Hon'ble Vice Chancellor, RTU Kota

**PATRON**  
Dr. Mahesh M. Bundeale  
Principal & Director, Poornima College of Engineering

**RTU (ATU) TEQIP-III COORDINATOR**  
Prof. (Dr.) Dharendra Mathur

**RTU EVENT COORDINATOR**  
Dr. Harish Sharma (RTU, Kota)

**RTU (ATU) TEQIP-III COMMITTEE**

Dr. Harish Sharma	Nodal officer
Dr. S. D. Purohit	Nodal Officer Finance
Dr. S. K. Sharma	Coordinator FDP & Workshop

**HOST INSTITUTE COORDINATOR**  
Mr. Saurabh Anand  
Assistant Professor





## 2. WORKSHOP FLYER POSTER

The flyer is for a workshop titled "Introduction to Python Programming" held from January 25-29, 2021. It is sponsored by RTU (ATU) TEQIP-III and organized by the Department of Information Technology at Poornima College of Engineering. The poster features a blue background with a subtle pattern. At the top, it includes the logos of RTU (ATU) and Poornima College of Engineering. The main text is in white and yellow, announcing the workshop and its dates. Below this, it lists the speakers and resource persons, each with a circular portrait. The speakers include Prof. R. A. Gupta, Prof. Dharendra Mathur, Dr. Mahesh M. Bundeale, Ar. Rahul Singhi, Mr. Pankaj Dhemia, Dr. Harish Sharma, Mr. Amol Saxena, and Mr. Saurabh Anand. The resource persons include Mr. Nikhil Verma, Ms. Sannya Singal, Mr. Prithvi Anand, and Mr. Nitin Arvind Shelke. The date and time of the inaugural session are listed as Monday, January 25, 2021, at 10:00 am onward. The poster also includes a Google Meet link for the inaugural session and an RSVP section with contact information for Dr. Harish Sharma and Mr. Saurabh Anand.

**RTU (ATU) TEQIP-III sponsored  
One Week (5 Days) Workshop  
on  
"Introduction to Python Programming"**  
**January 25-29, 2021**

Rajasthan Technical University, Kota &  
Department of Information Technology, Poornima College of Engineering  
*Cordially invite you to Inaugural Session*

**Prof. R. A. Gupta**  
Chief Guest  
Hon'ble Vice Chancellor, RTU Kota

**Prof. Dharendra Mathur**  
Guest of Honour  
TEQIP Coordinator, RTU Kota

**Dr. Mahesh M. Bundeale**  
Director & Principal  
PCE, Jaipur

**Ar. Rahul Singhi**  
Director  
Poornima Group

**Mr. Pankaj Dhemia**  
Vice Principal  
PCE, Jaipur

**Dr. Harish Sharma**  
Professor  
RTU Event Coordinator

**Mr. Amol Saxena**  
Head of Department, IT, PCE

**Mr. Saurabh Anand**  
Assistant Professor  
Host Institute Event Coordinator

**Resource Persons**

**Mr. Nikhil Verma**  
Senior Software Engineer, InfoEdge(India) Ltd.

**Ms. Sannya Singal**  
Software Engineer, Magicpin

**Mr. Prithvi Anand**  
Software Engineer, Housing.com

**Mr. Nitin Arvind Shelke,**  
Senior Data Analyst, MLTool Technologies Pvt Ltd.

**Day Date : Monday, January 25, 2021 • Time: 10.00 am onward**

To join the Inaugural Session on  
 **Google Meet**

**RSVP**  
**Dr. Harish Sharma**  
(RTU, Event Coordinator)  
**Mr. Saurabh Anand**  
(Host Institute Coordinator)

## 3. WORKSHOP OBJECTIVES

The objectives of the workshop are:

- To provide a forum to exchange views, ideas & the latest innovations in the field of Python Programming.
- To offer learning basics, emerging trends, and challenges in the field of Python Programming.

- c) To introduce Python Programming and to provide opportunities to further widen the knowledge and to pursue research.

#### 4. BRIEF BIODATA OF RESOURCE PERSON

The resource persons of the workshop were as follows:

- A. Mr. Nikhil Verma (Senior Software Engineer, InfoEdge (India) Ltd)
- B. Mr. Nitin Shelke (Senior Data Analyst, MLTool Technologies Pvt Ltd)
- C. Ms. Sannya Singal (Software Engineer, Magicpin)
- D. Mr. Prithvi Anand (Software Engineer, Housing.com)

#### 5. ABSTRACT OF WORKSHOP

A One Week (Five Day) Workshop on “Introduction to Python Programming” organized by Rajasthan Technical University Kota and Department of Information Technology in online mode under TEQIP-III from 25<sup>th</sup> – 29<sup>th</sup> January, 2021.

The Workshop was attended by 120 out of 259 registered participants from PCE and other institutions as well.

The Inaugural Ceremony of the Workshop was held on Monday 25<sup>th</sup> January 2021. The Chief Guest of the inaugural ceremony was Prof. R. A. Gupta, Hon’ble Vice Chancellor, RTU Kota and the Guest of Honor was Prof. Dharendra Mathur, TEQIP-III Coordinator, RTU Kota. The inaugural ceremony witnessed the presence of Dr. Mahesh M. Bundeale, Principal & Director PCE, Mr. Amol Saxena HoD-IT, PCE and Mr. Saurabh Anand, Event Coordinator, PCE.

The resource persons of the workshop were as follows:

- 1. Mr. Nikhil Verma (Senior Software Engineer, InfoEdge (India) Ltd)
- 2. Mr. Nitin Shelke (Senior Data Analyst, MLTool Technologies Pvt Ltd)
- 3. Ms. Sannya Singal (Software Engineer, Magicpin)
- 4. Mr. Prithvi Anand (Software Engineer, Housing.com)

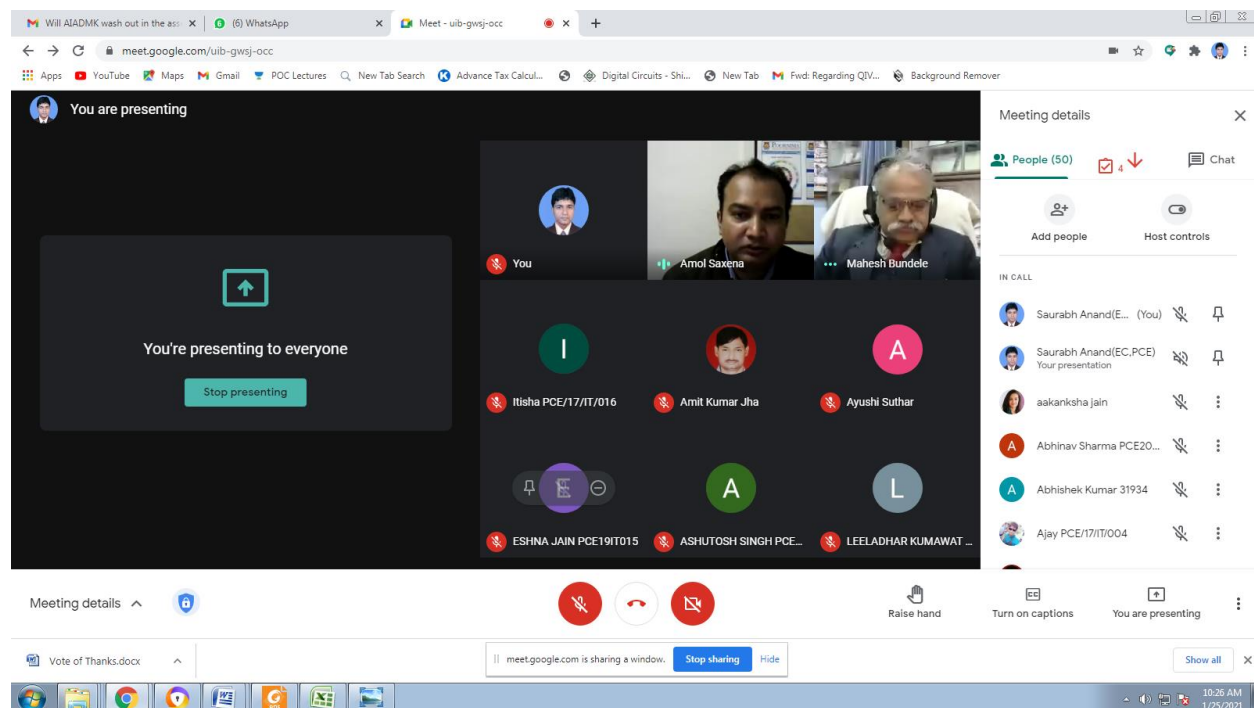
**Mr. Amol Saxena, HoD, Department of Information Technology, PCE** on behalf of Dept. of Information Technology, Poornima College of Engineering, welcomed the chief guest, Guest of Honor, Dignitaries, Workshop trainers, and distinguished participants in his opening welcome address.

**Dr. Mahesh M. Bundeale, Principal and Director, PCE** shared and emphasized the importance of this new programming language that is widely used globally now a days. He motivated all the participants to participate in workshop with zeal and interest.

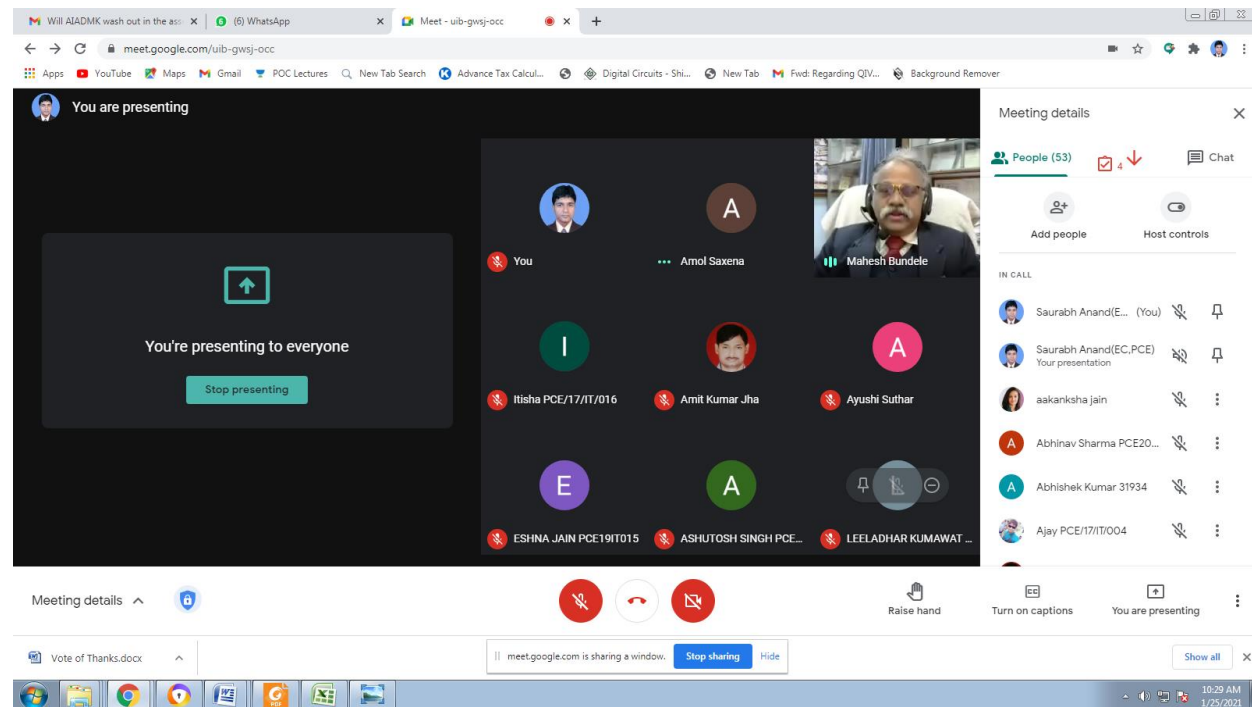
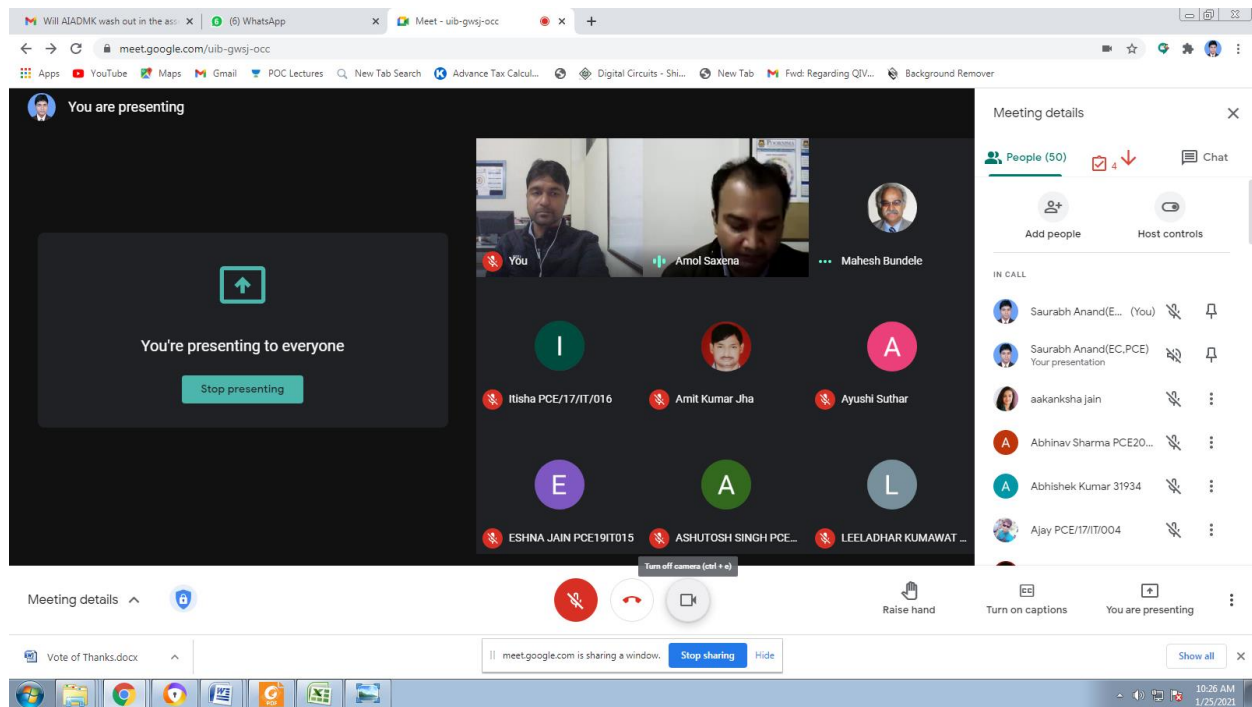
**Mr. Saurabh Anand, Event Coordinator, Department of Information Technology, PCE** proposed Vote of Thanks to the chief guest, guest of honor, management of Poornima Group, college authorities, organizing committee, trainers and the participants.

## 6. GLIMPSE

### A. Inaugural ceremony

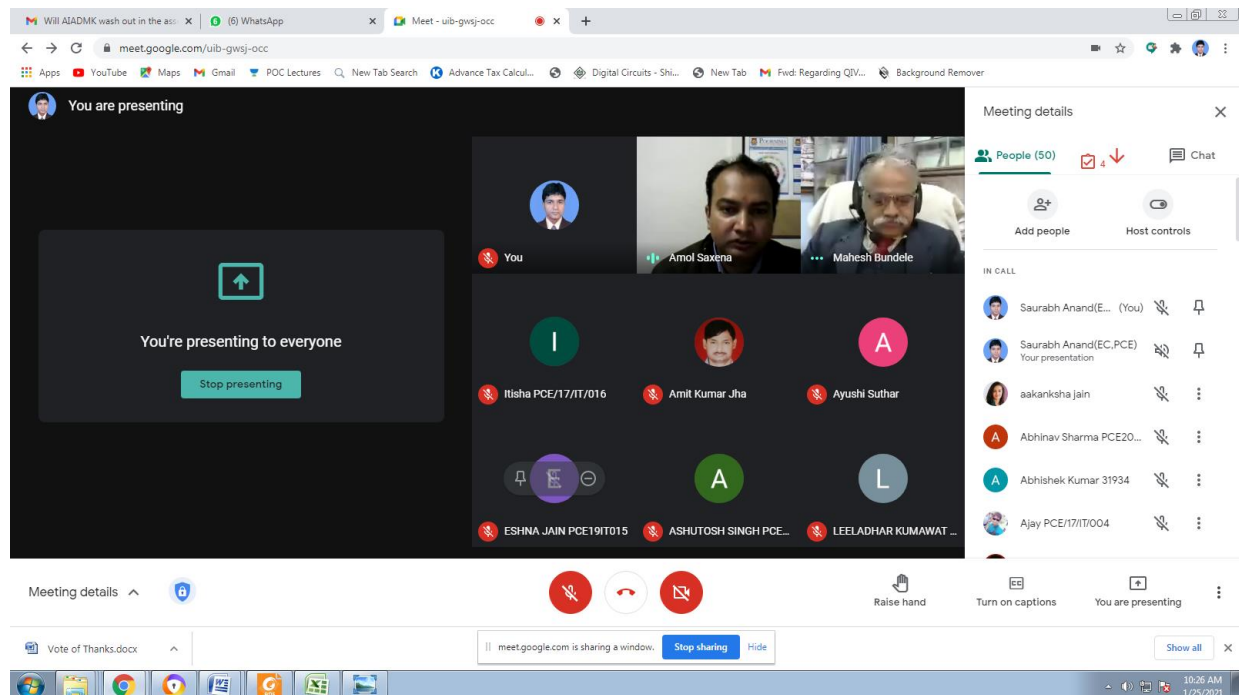


## One Week Workshop on *Introduction to Python Programming*

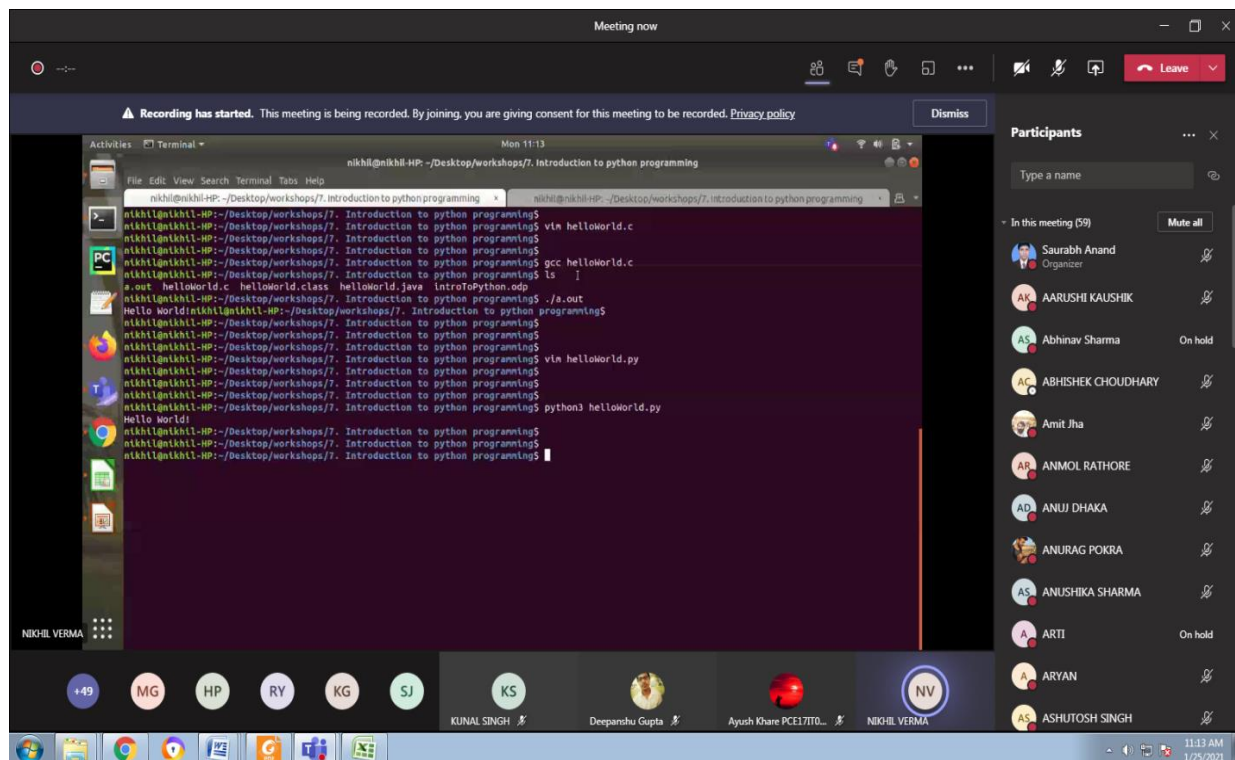




## One Week Workshop on *Introduction to Python Programming*



### B. Some Glimpse of the Sessions





## One Week Workshop on *Introduction to Python Programming*

Meeting now

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

# C++ | Java | Python

C++	JAVA	PYTHON
Compiled Programming language	Compiled Programming Language	Interpreted Programming Language
Supports Operator overloading	Does not support Operator Overloading	Supports Operator overloading
Provide both single and multiple inheritance	Provide partial multiple inheritance using interfaces	Provide both single and multiple inheritance
Platform dependent	Platform Independent	Platform Independent
Does Not support threads	Has in build multithreading support	Supports multithreading
Has limited number of library support	Has library support for many concepts like UI	Has a huge set of libraries that make it fit for AI, datascience, etc.
Code length is a bit lesser, 1.5 times less than java.	Java has quite huge code.	Smaller code length, 3-4 times less than java.

Participants

Type a name

In this meeting (60)

Mute all

- Saurabh Anand Organizer
- AARUSHI KAUSHIK
- Abhinav Sharma On hold
- ABHISHEK CHOUDHARY
- Amit Jha
- ANMOL RATHORE
- ANUJ DHAKA
- ANURAG POKRA
- ANUSHIKA SHARMA
- ARTI On hold
- ARYAN
- ASHUTOSH SINGH

NIKHIL VERMA

KUNAL SINGH KS

Deepanshu Gupta

Ayush Khare PCE17IT0...

NV

11:17 AM 1/25/2021

Meeting now

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Activities Firefox Web Browser

Mon 11:22

Mail - Nikhil Verma - Out x Inbox (1) - bh.verma@... x My Drive - Google Drive x Day01\_Session\_1\_Basic... x

https://drive.google.com/drive/my-drive

My Drive

Quick Access

Day01\_Session\_1\_Basic... You edited yesterday

Expert Lectures Details You opened in the past week

Untitled You uploaded today

Graduate school MScAC You edited in the past week

Storage

6.2 GB of 15 GB used

Buy storage

Collab Notebooks

Files

Participants

Type a name

In this meeting (63)

Mute all

- Saurabh Anand Organizer
- AARUSHI KAUSHIK
- Abhinav Sharma On hold
- ABHISHEK CHOUDHARY
- Amit Jha
- ANMOL RATHORE
- ANUJ DHAKA
- ANURAG POKRA
- ANUSHIKA SHARMA
- ARTI On hold
- ARYAN
- ASHUTOSH SINGH

NIKHIL VERMA

SHRUTI JAIN SJ

KUNAL SINGH KS

Ayush Khare PCE17IT0...

NV

11:22 AM 1/25/2021

## One Week Workshop on *Introduction to Python Programming*

Meeting now

11:02

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Dismiss

Participants

Type a name

In this meeting (41)

Mute all

Saurabh Anand  
Organizer

ANUSHIKA SHARMA

ARTI

ASHUTOSH SINGH

Ashutosh Upadhyay

ATISHEY JAIN

Ayush Khare PCE17T011

Ayushi Hi Suthar

BATSAL KUMAR

Bhavya Agarwal

Chetan Sharma

Deepanshu Gupta

Activities

Google Chrome

Mon 12:09

localhost:8888/notebooks/Desktop/workshops/NLP%20WORKSHOP/Day01%20-%20Session%20-%20Basics%20of%20Python%20Functions%2C%20S...

jupyter Day01 - Session 2 - Basics of Python (Functions, String, Exception Handling, File Handling) (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help

Not Trusted Python 3

2. To execute the code -> Click on a cell and press ctrl + enter key

### 9 Functions

#### 9.1 Add two numbers

```
In [1]: def Add(a,b):  
        c = a + b  
        return c  
  
print ("Add(10,20) -> ", Add(10,20))  
print ("Add(20,50) -> ", Add(20,50))  
print ("Add(80,200) -> ", Add(80,200))
```

Add(10,20) -> 30  
Add(20,50) -> 70  
Add(80,200) -> 280

#### 9.2: Prime number

```
In [2]: def isPrime(n):  
        for i in range(2,  
        if n%i == 0:  
            return 0  
        return 1
```

teams.microsoft.com is sharing your screen. Stop sharing Hide

Sanjya Singal

Chetan Sharma SHUBHAM TAMBI Nikhil Yadav Sanjya Singal

12:09 PM 1/25/2021

Meeting now

14:37

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

Dismiss

Participants

Type a name

In this meeting (46)

Mute all

Saurabh Anand  
Organizer

ANUSHIKA SHARMA

ARTI

ASHUTOSH SINGH

Ashutosh Upadhyay

ATISHEY JAIN

Ayush Khare PCE17T011

Ayushi Hi Suthar

BATSAL KUMAR

Bhavya Agarwal

Chetan Sharma

Deepanshu Gupta

Activities

Google Chrome

Mon 12:13

localhost:8888/notebooks/Desktop/workshops/NLP%20WORKSHOP/Day01%20-%20Session%20-%20Basics%20of%20Python%20Functions%2C%20S...

jupyter Day01 - Session 2 - Basics of Python (Functions, String, Exception Handling, File Handling) (autosaved) Logout

File Edit View Insert Cell Kernel Widgets Help

Not Trusted Python 3

```
Add(10,20) -> 30  
Add(20,50) -> 70  
Add(80,200) -> 280
```

#### 9.2: Prime number

```
In [2]: def isPrime(n):  
        for i in range(2, int(1 + n/2)):  
            if n%i == 0:  
                return 0  
        return 1  
  
print ("isPrime(20) -> ", isPrime(20))  
print ("isPrime(23) -> ", isPrime(23))  
print ("isPrime(200) -> ", isPrime(200))  
print ("isPrime(37) -> ", isPrime(37))
```

isPrime(20) -> 0  
isPrime(23) -> 1  
isPrime(200) -> 0  
isPrime(37) -> 1

#### 9.3 Add 1 to n

```
In [3]: def sum(n):
```

teams.microsoft.com is sharing your screen. Stop sharing Hide

Sanjya Singal

SHUBHAM TAMBI Nikhil Yadav Sanjya Singal ESHNA JAIN

12:13 PM 1/25/2021

## 7. LIST OF PARTICIPANTS

S. No.	Full Name	College Name
1	Aarushi Kaushik	Poornima college of engineering
2	Aakanksha Jain	Poornima University
3	Abhinav Sharma	Poornima College Of Engineering
4	Abhishek Choudhary	Poornima College Of Engineering
5	Abhishek Sharma	Poornima University
6	Ajay Kumar	Poornima College Of Engineering
7	Alpana	Poornima College Of Engineering
8	Aman Kala	Poornima College Of Engineering
9	Aman Mudgal	Poornima College Of Engineering
10	Anamika	Poornima Institute Of Engineering And Technology
11	Anmol Rathore	Poornima College Of Engineering Jaipur
12	Anuj Dhaka	Poornima College Of Engineering Jaipur
13	Anurag Pokra	Poornima Group Of Institute
14	Anushka Sharma	Poornima College Of Engineering
15	Arjun Dey	Poornima College Of Engineering
16	Arpit Kumar Kabra	Poornima College Of Engineering
17	Arti	Poornima College Of Engineering
18	Aryan	Poornima College Of Engineering
19	Ashutosh	Poornima College Of Engineering
20	Ashutosh Singh	Poornima College Of Engineering
21	Ashutosh Upadhyay	Poornima College Of Engineering
22	Atishey Jain	Poornima Institute Of Engineering & Technology
23	Ayush Khare	Poornima College Of Engineering
24	Ayush Saxena	Poornima College Of Engineering
25	Ayushi Suthar	Poornima University
26	Batsal Kumar	Poornima College Of Engineering
27	Bhavesht Kumar	Poornima Group Of Institution
28	Bhavya Agarwal	Poornima Group Of Engineering
29	Bhawani Shankar Sharma	Poornima Group Of Institutions
30	Bhawanshu Joshi	Poornima College Of Engineering
31	Bhawna Gupta	Poornima College Of Engineering
32	Chetan Sharma	Poornima College Of Engineering
33	Chirayu Goyal	Poornima College Of Engineering

34	Deepanshu Gupta	Poornima University
35	Dhruv Jain	Poornima College Of Engineering
36	Divyanjali .	Poornima Institute Of Engineering And Technology
37	Divyanshi Agarwal	Poornima College Of Engineering
38	Drashti Gupta	Poornima Institute Of Engineering And Technology
39	Eshika Mittal	Poornima College Of Engineering
40	Eshna Jain	Poornima College Of Engineering
41	Gaurav Kumar	Poornima College Of Engineering
42	Gaurav Singh Rathore	Poornima College Of Engineering
43	Gautam Jeswani	Poornima College Of Engineering
44	Harshit Agnihotri	Poornima College Of Engineering
45	Harshit Patidar	Poornima Institute Of Engineering And Technology, Jaipur
46	Himanshu Karn	Poornima College Of Engineering
47	Himanshu Singh Hada	Poornima College Of Engineering, Jaipur
48	Isha Jain	Poornima College Of Engineering
49	Ishika Jain	Poornima College Of Engineering
50	Ishika Jain	Poornima Institute Of Engineering And Technology
51	Kajal Lal Chandani	Poornima College Of Engineering
52	Kanika Agarwal	Poornima College Of Engineering
53	Karan Dey	Poornima College Of Engineering
54	Kartik Saxena	Poornima College Of Engineering
55	Kartikey Singh Shekhawat	Poornima College Of Engineering
56	Keshav Gupta	Poornima Institute Of Engineering And Technology
57	Kharanshu Kashyap	Poornima College Of Engineering
58	Khushi Gupta	Poornima Institute Of Engineering And Technology
59	Khyati Arora	Poornima Institute Of Engineering And Technology
60	Kshitij Dixit	Poornima College Of Engineering
61	Kunal Singh	Poornima College Of Engineering
62	Kush Kumar	Poornima Group Of Institutions
63	Leeladhar Kumawat	Poornima Group Of Institution, Jaipur
64	Love Choubisa	Poornima College Of Engineering
65	Mahesh Kumar Prajapat	Poornima Group Of Institution
66	Mayank	Poornima College Of Engineering
67	Megha Agrawal	Poornima College Of Engineering



68	Mohammed Umar Tanwar	Poornima College Of Engineering
69	Mohini Garg	Poornima College Of Engineering
70	Ms Sneha Chaplot	Poornima College Of Engineering
71	Ms.Neha Dubey	Poornima University
72	Muskan	Poornima College Of Engineering
73	Naitik Mathur	Poornima Institute Of Engineering And Technology
74	Natasha Goklani	Poornima College Of Engineering
75	Nikhil Sharma	Poornima College Of Engineering
76	Nikhil Sharma	Poornima University
77	Nikhil Yadav	Poornima University
78	Nisha	Poornima College Of Engineering
79	Nitu Pandel	Poornima College Of Engineering
80	Parihar Hitesh Ramesh	Poornima College Of Engineering
81	Pragati Choudhary	Poornima University
82	Pragya Ghiya	Poornima College Of Engineering
83	Prashant Jain	Poornima Group Of Institution
84	Priyansh Jain	Poornima College Of Engineering
85	Priyanshi Jain	Poornima College Of Engineering
86	Rahul Kumar Agrawal	Poornima Institute Of Engineering And Technology
87	Rajendra Yadav	Poornima Institute Of Engineering And Technology
88	Ranjan Singh	Poornima Institute Of Engineering And Technology
89	Ridhvi Kulshrestha	Poornima College Of Engineering
90	Rishabh Jain	Poornima College Of Engineering
91	Risheek Mittal	Poornima Institute Of Engineering And Technology
92	Rishi Goyal	Poornima College Of Engineering
93	Ronak Sharma	Poornima College Of Engineering
94	Rudresh Sharma	Poornima College Of Engineering
95	Shaswat Pandey	Poornima College Of Engineering
96	Shivam Soni	Poornima Institute Of Engineering And Technology
97	Shreya Jain	Poornima College Of Engineering
98	Shristy Khandelwal	Poornima College Of Engineering
99	Shruti Jain	Poornima Institute Of Engineering & Technology
100	Shubham Tambi	Poornima Institute Of Engineering And Technology
101	Sneha Bharti	Poornima University
102	Sourabh Gupta	Poornima College Of Engineering
103	Sparsh Sharma	Poornima Institute Of Engineering And Technology

104	Sudhanshu Vijay	Poornima Institute Of Engineering And Technology
105	Sushant Malhotra	Poornima College Of Engineering
106	Tanisha Agarwal	Poornima College Of Engineering
107	Tarun Mittal	Poornima College Of Engineering
108	Tarun Upadhayay	Poornima College Of Engineering
109	Tilak Atri	Poornima College Of Engineering
110	Triyanshi Gupta	Poornima College Of Engineering
111	Tushar Prajapati	Poornima College Of Engineering
112	Utkarsh Sinha	Poornima University
113	Vidhi Doshi	Poornima Institute Of Engineering And Technology
114	Vishal Agrawal	Poornima College Of Engineering
115	Vivek Kumar	Poornima College Of Engineering
116	Vivek Kumar	Poornima College Of Engineering
117	Yakshesh Gupta	Poornima College Of Engineering
118	Yash Jain	Poornima University
119	Yash Soni	Poornima College Of Engineering
120	Yuvraj Singh	Poornima Institute Of Engineering And Technology

## 8. INAUGURAL CEREMONY SCHEDULE



**TEQIP-3**  
Technical Education Quality Improvement Programme

TEQIP-III SPONSORED  
One Week (5-Day) Workshop  
On  
“Introduction to Python Programming”  
January 25 -29, 2021  
Organized by:  
Rajasthan Technical University, Kota  
&  
Department of Information Technology,  
Poornima College of Engineering, Jaipur



### Q- Sheet

### Inaugural Session

Monday 25<sup>th</sup> January, 2021

Google Meet link: <https://meet.google.com/uib-gwsj-occ>

S.No.	Activity	Duration	Time
1	Welcome of Dignitaries and Introduction of Workshop by <b>Mr. Amol Saxena HoD, Department of Information Technology, PCE, Jaipur</b> <b>Prof. (Dr.) R. A. Gupta</b> , Hon'ble Vice Chancellor, RTU Kota (Chief Guest) <b>Prof. (Dr.) Dharendra Mathur</b> , TEQIP-III Coordinator, (Guest of Honour) <b>Dr. Mahesh M. Bunde</b> , Director-Principal, Poornima College of Engineering <b>Ar. Rahul Singhi</b> , Director, Poornima Group <b>Mr. Pankaj Dhemla</b> , Vice-Principal, Poornima College of Engineering <b>Dr. Harish Sharma</b> , Event Coordinator – RTU, Kota <b>Dr. S.D. Purohit</b> , Event Coordinator – RTU, Kota <b>Mr. Amol Saxena</b> , HOD, IT-CE <b>Mr. Saurabh Anand</b> , Event Coordinator – Host Institute	10 Min	10.00 AM- 10.10 AM
2	Welcome Address by <b>Dr. Mahesh Bunde</b> , Director & Principal, Poornima College of Engineering, Jaipur	05 Min	10.10 AM- 10.15 AM
3	Address by <b>Ar. Rahul Singhi</b> , Director, Poornima Group, Jaipur	05 Min	10.15 AM- 10.20 AM
4	Introduction of <b>Guest of Honour</b> and Address by Guest of Honour ( <b>Prof. (Dr.) Dharendra Mathur</b> , RTU (ATU) TEQIP-III, Coordinator, RTU, Kota)	05 Min	10.20 AM- 10.25 AM
5	Introduction of Chief Guest & Inaugural Address by the Chief Guest <b>Prof. (Dr.) R.A. Gupta</b> , Hon'ble Vice Chancellor, RTU Kota	10 Min	10.25 AM- 10.35 AM
6	Vote of Thanks by <b>Mr. Saurabh Anand</b> , Dy. HOD & Event Coordinator, Department of Information Technology, PCE, Jaipur	05 Min	10.35 AM- 10.40 AM

## 9. WORKSHOP DETAILED PROGRAM SCHEDULE



**TEQIP-3**  
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### Program Schedule

Google Meet link: <https://meet.google.com/uib-gwsj-occ>

Monday - Day 1 – 25 <sup>th</sup> January, 2021	
Program Outline	
10:00 AM – 10:45 AM	<b>Inaugural Ceremony</b>
	<b>Prof. (Dr.) R. A. Gupta</b> , Hon'ble Vice Chancellor, RTU Kota (Chief Guest) <b>Prof. (Dr.) Dharendra Mathur</b> , TEQIP-III Coordinator, (Guest of Honour) <b>Dr. Mahesh M. Bunde</b> , Director-Principal, Poornima College of Engineering <b>Ar. Rahul Singh</b> , Director, Poornima Group <b>Mr. Pankaj Dhema</b> , Vice-Principal, Poornima College of Engineering <b>Dr. Harish Sharma</b> , Event Coordinator – RTU, Kota <b>Dr. S.D. Purohit</b> , Event Coordinator – RTU, Kota <b>Mr. Amol Saxena</b> , HOD, IT-PCE <b>Mr. Saurabh Anand</b> , Event Coordinator – Host Institute
11:00 AM -12:00 Noon	<b>Session-1</b>
	<b>Topic:</b> Basics of Python (Syntax, if-else, Loops) <b>Resource Person:</b> <b>Mr. Nikhil Verma</b> (Senior Software Engineer, InfoEdge (India) Ltd)
12:00 PM – 1:00 PM	<b>Session-2</b>
	<b>Topic:</b> Basics of Python (Functions, String, Exception Handling, File Handling) <b>Resource Person:</b> <b>Ms. Sannya Singal</b> (Software Engineer, Magicpin)
1:00 PM – 2:00 PM	<b>Session-3</b>
	<b>Topic:</b> Data Structure in Python (List and Dictionary) <b>Resource Person:</b> <b>Mr. Prithvi Anand</b> (Software Engineer, Housing.com)
Tuesday - Day 2 – 26 <sup>th</sup> January, 2021	
Program Outline	
10:00 AM – 11:00 AM	<b>Session-4</b>
	<b>Topic:</b> Data Structure in Python (Tuple and Set) <b>Resource Person:</b> <b>Ms. Sannya Singal</b> (Software Engineer, Magicpin)
11:00 AM -12:00 Noon	<b>Session-5</b>
	<b>Topic:</b> NumPy in Python <b>Resource Person:</b> <b>Mr. Prithvi Anand</b> (Software Engineer, Housing.com)
12:00 PM – 1:00 PM	<b>Session-6</b>
	<b>Topic:</b> Web Scraping using Python <b>Resource Person:</b> <b>Mr. Nikhil Verma</b> (Senior Software Engineer, InfoEdge (India) Ltd)



<b>Wednesday - Day 3 – 27<sup>th</sup> January, 2021</b>	
<b>Program Outline</b>	
10:00 AM – 11:00 AM	<b>Session-7</b> <b>Topic:</b> Data Manipulation using Pandas <b>Resource Person:</b> Ms. Sannya Singal (Software Engineer, Magicpin)
11:00 AM -12:00 Noon	<b>Session-8</b> <b>Topic:</b> Linear Regression using Python <b>Resource Person:</b> Mr. Nitin Shelke (Senior Data Analyst, MLTool Technologies Pvt Ltd)
12:00 PM – 1:00 PM	<b>Session-9</b> <b>Topic:</b> Data Visualization using matplotlib <b>Resource Person:</b> Mr. Nikhil Verma (Senior Software Engineer, InfoEdge (India) Ltd)
<b>Thursday - Day 4 – 28<sup>th</sup> January, 2021</b>	
<b>Program Outline</b>	
10:00 AM – 11:00 AM	<b>Session-10</b> <b>Topic:</b> Data Preprocessing with Python using scikit learn <b>Resource Person:</b> Mr. Prithvi Anand (Software Engineer, Housing.com)
11:00 AM -12:00 Noon	<b>Session-11</b> <b>Topic:</b> Machine Learning using python and scikit learn <b>Resource Person:</b> Mr. Nitin Shelke (Senior Data Analyst, MLTool Technologies Pvt Ltd)
12:00 PM – 1:00 PM	<b>Session-12</b> <b>Topic:</b> Building Classifiers using Python <b>Resource Person:</b> Ms. Sannya Singal (Software Engineer, Magicpin)
<b>Friday - Day 5 – 29<sup>th</sup> January, 2021</b>	
<b>Program Outline</b>	
10:00 AM – 11:00 AM	<b>Session-13</b> <b>Topic:</b> K-Means for Cluster Analysis <b>Resource Person:</b> Mr. Prithvi Anand (Software Engineer, Housing.com)
11:00 AM -12:00 Noon	<b>Session-14</b> <b>Topic:</b> Application and Resources for Data Science <b>Resource Person:</b> Mr. Nitin Shelke (Senior Data Analyst, MLTool Technologies Pvt Ltd)
12:00 PM – 1:00 PM	<b>Session-15</b> <b>Topic:</b> Logistic Regression using Python <b>Resource Person:</b> Mr. Nikhil Verma (Senior Software Engineer, InfoEdge (India) Ltd)
1:00 PM – 1:30 PM	<b>Discussion, Valedictory Ceremony and Feedback</b>