

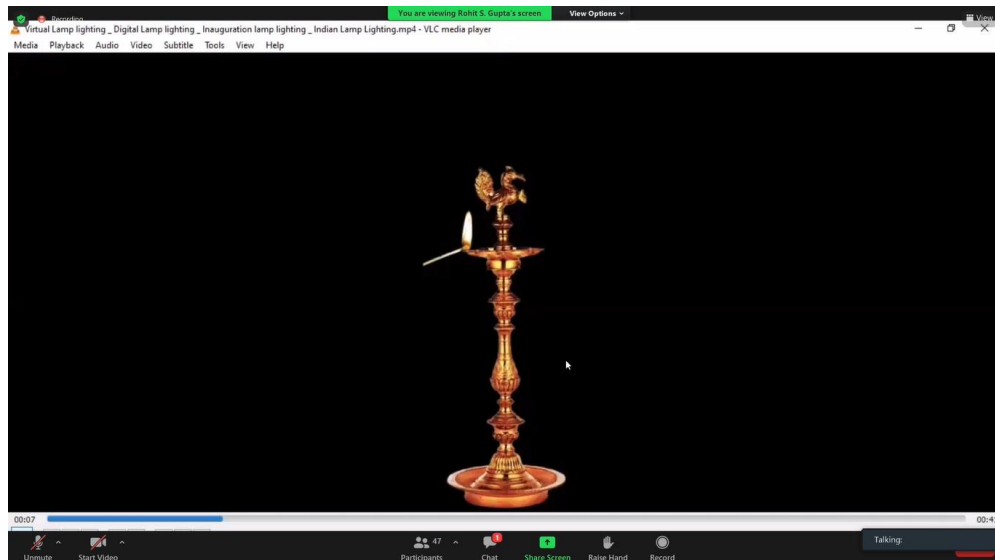
Report on
5 day 's Workshop on "Exploring Python" for Women Improvement in Advanced Technologies

**Organized by IETE Aurangabad Center,
In Collaboration With
Department of Computer Science & Information Technology,
Dr. Babasaheb Ambedkar Marathwada University
Chh. Shahu College Of Engineering, Aurangabad.**

(23rd to 27th May 2022)

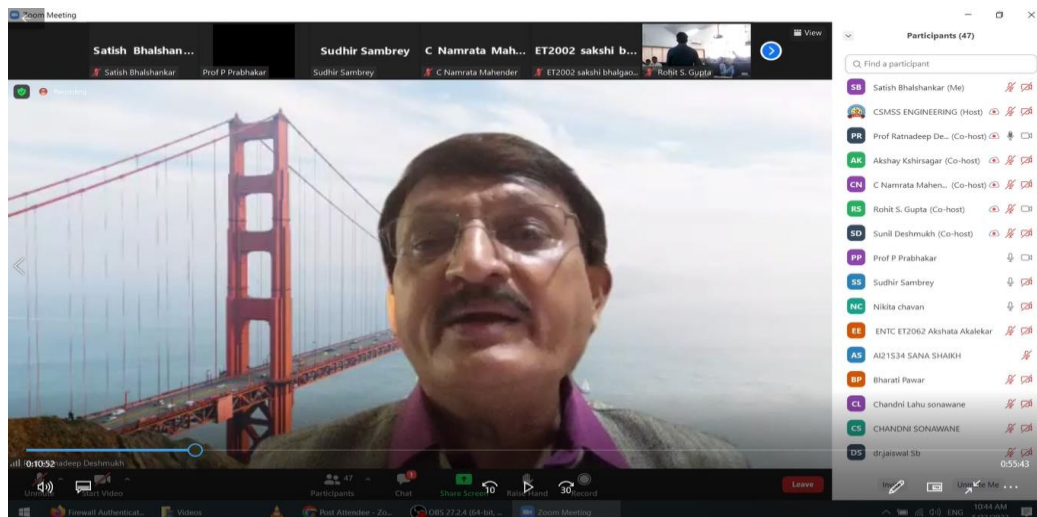
IETE Aurangabad Center, In Collaboration with Department of Computer Science & Information Technology, Dr. Babasaheb Ambedkar Marathwada University, Chh. Shahu college Of Engineering, Aurangabad has organized 5 days' workshop on "Exploring Python" for Women Improvement in Advanced Technologies in Hybrid mode. It was held from 23rd to 27th May 2022. Total 127 Participants registered for this workshop from CS, IT, AI and Computer Engineering students(UG,PG,Research Scholars) . The inaugural ceremony of the workshop commenced on 23rd May at 10:30 AM, by Chief Guest Hon. Prof (Wg Cdr) P Prabhakar, President, IETE New Delhi, Guest of Honor Prof. (Dr.) Sachin N. Deshmukh, Head, Dept of CS&IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Guest of Honor, Prof. (Dr.) Ratnadeep R. Deshmukh, IETE Governing Council Member, New Delhi, President of Program, Mr. Sudhir Sambrey, Hon. Chariman, IETE Aurangabad Center, Special Guest, Dr. Ulhas Shinde, Principal CSMSS, Vice Chairmane, IETE Aurangabad Center, Organizer, Dr. C. Namrata Mahender, Hon. Secretary, and Dr. Sunil Deshmukh, Hon. Treasurer, IETE Aurangabad Center.

The inaugural function started with welcoming of the guest, then deep Prajwalan.



Inauguration of the Workshop

The opening remarks were given by Prof. R. R. Deshmukh sir. He briefed the activities done for welfare of every center by the Governing Council Members. He also pointed the National and International plan for future enhancement of IETE taken under the leadership President IETE New Delhi . He also appreciated the IETE, Aurnagabad center for taken monthly lecture series activities and wished for successful conduction of the workshop. He thanked IETE President for his presence and blessing on this occasion.



Prof R.R.Deshmukh Guest Of Honour ,giving opening remarks

Prof . S. N. Deshmukh, guest of honor, briefed about the programs & infrastructure facilities at Dept. Of CS & IT, Dr. B. A. M. U, he urged the IETE president to **incorporate** futuristic technology and start awareness about it. He also mentioned the need of tomorrow is quantum computing.



Prof S.N.Deshmukh ,Guest of Honour addressing the participants

The Hon. chief guest Prof. P. Prabhakar, firstly congratulate the event organizer and IETE A'bad center. Then he briefed about IETE center and its activities. He also mentioned the need for women empowerment. Further he also stated his plan to take IETE to international level and how under his leadership new centers will be opened abroad. He also promised to incorporate quantum computing as one of the forth company technology. He convey best wishes for growth of IETE, A'bad center. He wished all the participants for enjoying the learning.

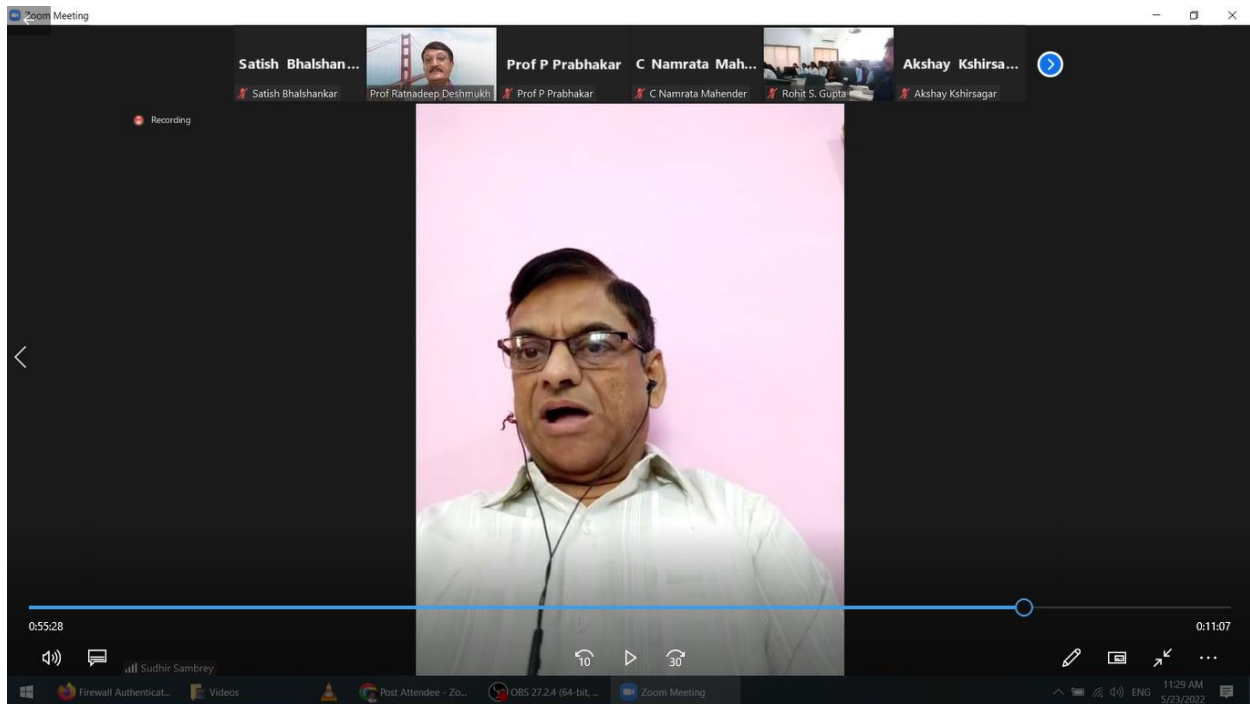


Addressed by President of IETE
(Chief Guest Hon. Prof (Wg Cdr) P Prabhakar, President, IETE New Delhi)



A snapshot of students listening to the President IETE New Delhi

The president of the program, Shri. Sudhir Sambrey, chairman IETE, A'bad. Welcomed all. He stated the significance of this workshop and briefed all the activities at IETE, Aurangabad center. He gave the complete information, schedule, resource person brief and aim of the workshop, he urged the participants to do the workshop wholeheartedly and presented them with need and job opportunities.



Addressed by President of Program
(Hon. Chairman Shri. Sudhir Sambrey, IETE Aurangabad Center)

Vote of Thanks

Vote of thanks was given by Hon. Secretary C. N. Mahender. She thanked the Honorable president IETE, Prof. P. Prabhakar (wg. cdr.) for blessing the occasion with his presence. She thanked guest of honor Dr. R. R. Deshmukh, Dr. S. N. Deshmukh, for providing infrastructure & continuous support. Mr. Sudhir Sambrey, Hon. Chairman, IETE Aurangabad Center for his continuous support and guidance. Guest of Honor, Dr. Ulhas Shinde, Principal CSMSS for their wholehearted support and providing lab at his college Chh. CSMSS for the workshop. Dr. Sunil Deshmukh, Hon. Treasurer, IETE Aurangabad Center was thanked for his support. She thanked all the resource persons, research scholars and participants for making the event successfully.

Day 1: Technical Session 23/05/2022

Session1:

Kishori Pawar is presenting

Why Python but not other languages?

- Easy to Learn
- Compact and Readable
- Simple to use but real programming language
- Open Source
- High Level Programming Language
- Large Standard Library
- Object Oriented Language
- Portability
- Python is embeddable & extensible - C <-> Python
- Python is interpreted language
- Dynamic Semantics (initializes by it's own)

meet.google.com is sharing your screen. [Stop sharing](#) [Hide](#)

12:24 | jvf-jccd-cod

Ms. Kishori Pawar, Research Scholar from IIIT Hyderabad has conducted fir session where she gave an overview of python language and its need in development of application.

Session 2:

IETE Aurangabad Center Aurangabad is presenting

```
python 3.9.5 (tags/v3.9.5:0bb3fcd, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import sys
>>> print("current python",sys.version)
current python 3.9.5 (tags/v3.9.5:0bb3fcd, Nov 5 2021, 20:48:33) [MSC v.1929 64 bit (AMD64)]
>>>

===== RESTART: C:/Devs/sai/Desktop/first.py =====
Traceback (most recent call last):
  File "C:/Devs/sai/Desktop/first.py", line 2, in <module>
    print(python_version())
NameError: name 'python_version' is not defined
>>>

===== RESTART: C:/Devs/sai/Desktop/sec.py =====
>>>
>>> class "B":
>>>     __p__=10
>>>     __m__=10
>>>     __d__=10
>>>     __l__=10
>>>     __h__=10
>>>     __t__=10
>>>     __c__=10
>>> 
```

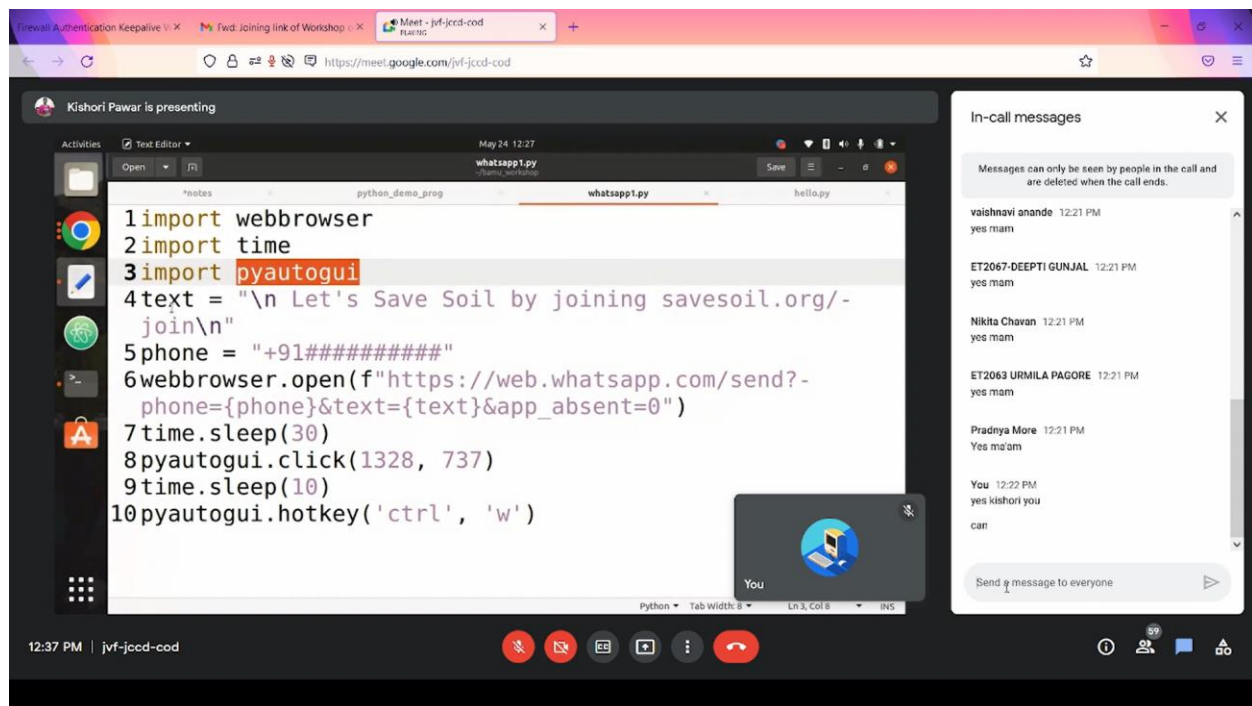
1:38 PM | jvf-jccd-cod

Dr. C Namrata Mahender had demonstrate where as IDE's available (Standalone, Online cloud services and mobile). The team helps to students to install and use IDLE

Day 2 : 24/05/2022

Session 3: Day 2, First session, where types of variables, logic behind storing and computing was taken by Dr. Ramesh Naik,Asst.Prof ,Dept of CSE ,Nirma University ,Gujrat

Session 4: Day2, Second session, Ms. Kishori Pawar has given depth of using operators and operands, its resultant on different data types, and very interesting example of what off application was demonstrated.



Session 5: Day2, Third session, Practical based on session 2 and 3 were conducted.

Day3: 25/05/2022

Session6 and 7: Day3, was taken by Mr santosh pandure Machine Learning Engineer, Magilhub Pvt. Ltd ,he took all contional statements by using different examples

Session 8:Day 3 Practical demonstration of many key elements, importing files was taken by Dr. C Namrata Mahender

```
"sample3.py - C:\Users\sal\Desktop\codes\1day3\sample3.py (3.8.8)"
File Edit Format Run Options Window Help
# needs array to be created
a1=[]
for i in range(3):
    a1.append(eval(input("enter marks")))

b=[]
for i in range(len(a1)):
    if a1[i] <40 :
        b.append("F")
    elif a1[i]==40:
        b.append("D")
    elif (a1[i] >40 and a1[i]<60):
        b.append("C")
    elif (a1[i]>60 and a1[i]<80):
        b.append("B")
    elif (a1[i]>80 and a1[i]<=100):
        b.append("A")
    else:
        print("wrong values")

print(b)
```

Day4: 26/05/2022

Session 9 and 10 : Day 4, First Session, Conditional execution ,lists Tuples ,sets and Dictionary were taken by Dr. Ramesh Naik

Seesion 11: Day 4, Mr santosh pandure explained use of function,syntax and demonstrated few examples on it.

After it All morning sessions topics were converted as programming Assignments and all participants were made to execute it.

Dr. C Namrata Mahender and her team members have made this event/workshop successful by managing, handling technical equipments, networking, lab assistance etc.Team Members are as follows:

1. Rohit S. Gupta
2. Akshay Kshirsagar
3. Amol R. Gaikawad
4. Madhav
5. Aarati
6. Datta
7. Gajanand Boywar


```
Dr. Ramesh Naik is presenting

##creating class and object in python
class parrot:
    species="bird"
    def __init__(self,name,age):
        self.name=name
        self.age=age
blu=parrot("blu",10)
woo=parrot("woo",20)
print("blu is a {}".format(blu._class_class.species))
print("woo is also a {}".format(woo._class_class.species))
print("{} is {} years old".format(blu.name,blu.age))
print("{} is {} years old".format(woo.name,woo.age))
print(value, ..., sep=' ', end='\n', file=sys.stdout)
```

Session 12: Day5, Mr. Santosh Pandure, taught about writing functions, a lot examples where taken with online demonstration.

```
Santosh Pandure is presenting

C:\Users\santosh\Desktop\Workshop\workshop.py - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help

workshop.py
1 # for loop
2 number = [1,2,3,4,5,6]
3 for element in number:
4     print(number)
5
6
7
[1, 2, 3, 4, 5, 6]
[1, 2, 3, 4, 5, 6]
[1, 2, 3, 4, 5, 6]
[1, 2, 3, 4, 5, 6]
[1, 2, 3, 4, 5, 6]
[Finished in 255ms]
```

Session13: Day 5, OOPs concepts were taken by Dr Ramesh Naik

Valedictory function

At the end of the workshop, the Valedictory function was held at 1:00 pm. The Chief Guest of the workshop is Prof (Dr) Ashwini Kunte, Zonal Mentor (West) & Chairperson (WEEC), Guest of Honor, Dr. Ulhas Shinde, Principal CSMSS, Vice Chairmane, IETE Aurangabad Center, Guest of Honor President of Program, Mr. Sudhir Sambrey, Hon. Chariman, IETE Aurangabad Center.

The validatory function started at 1:00pm. We were blessed to have Dr. Ullhas Shinde, Principal CSMSS College and Former Dean, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, as guest of honor. Dr. Ashwini Kunte, HOD of Electronics Telecommunication & Vice-Principal of Thadomal Shahani Engineering College Mumbai as chief guest of program. The program was provided by Respected Chairman IETE, A'bad center shri. Sudhir Sambrey. The dignitaries of the program were welcomed, firstly it was requested to participates to give us feedback, few students have given the feedback.

All feedback were positive & encouraged the team by their words.

Dr. Ulhas Shinde guest of honor, & vice chairman IETE appreciated the efforts, and recommend to take the workshop.

Prof. Ashwini Kunte, Chief Guest & Zonal Mentor (West) & Chairperson Women Empowerment in Engineering committee (WEEC). She made clear why women empowerment is necessary, as she told that it is observed that we can learnt on our finguretips, the number of women working at the top of any management company or organization. There is a need for awareness and encouraged girls & women to not be satisfied by being employed, but should try to reach to the highest ranking wherever possible. She appreciated the participants and also the organizers of the workshop for their efforts. And also asked to continue taking such type of programs.

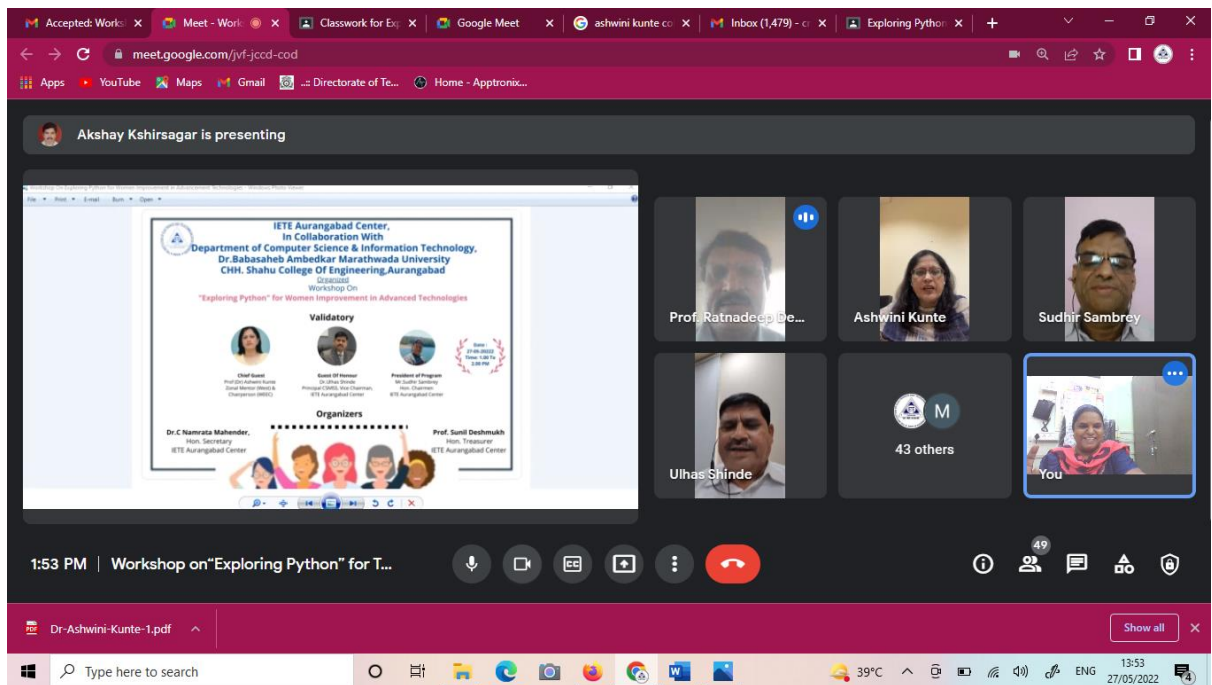
Hon. Chairman Shri. Sudhir Sambrey, president of the program thanks guest of honor, chief guest of program for their presence. He also thanked all the resource person of the program for their time and efforts taken. Hel also appreciated the participants & the organizers for their efforts. To make this program successful.

At the end, Hon. Secretary Dr. C. Namrata Mahender present vote of thanks.



Students listening to Chief Guest Prof (Dr) Ashwini Kunte, Zonal Mentor (West) & Chairperson (WEEC)





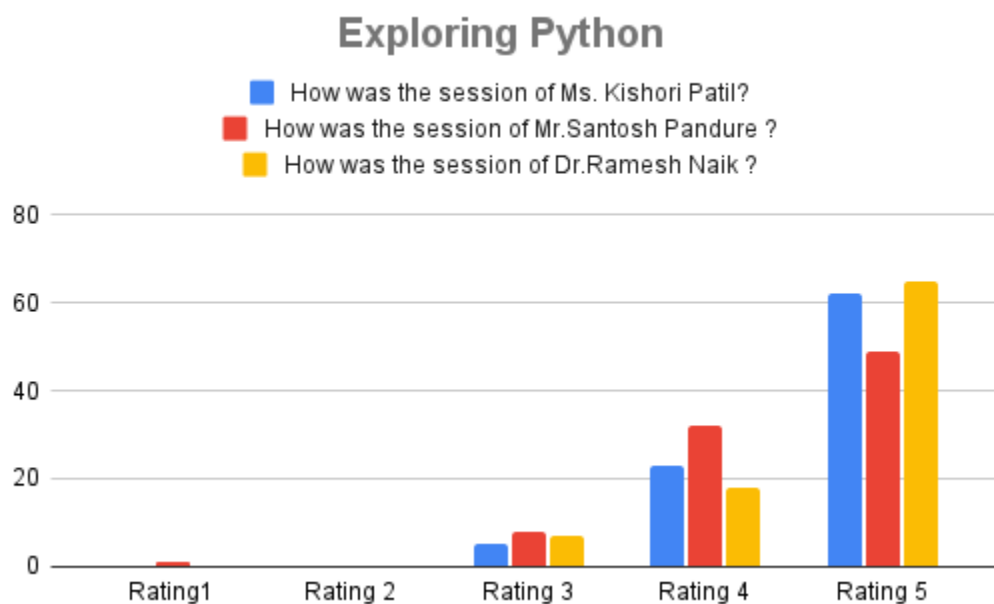
Guest of honor Dr Ulhas Shinde, Chief Guest Prof (Dr) Ashwini Kunte, Prof R.R Deshmukh , Chairam Shri Sudhir Sambrey amd Sec Dr C.Namrata Mahender



Research Scholars with, Dr C.Namrata Mahender ,Hon Sec,IETE Aurangabd Center

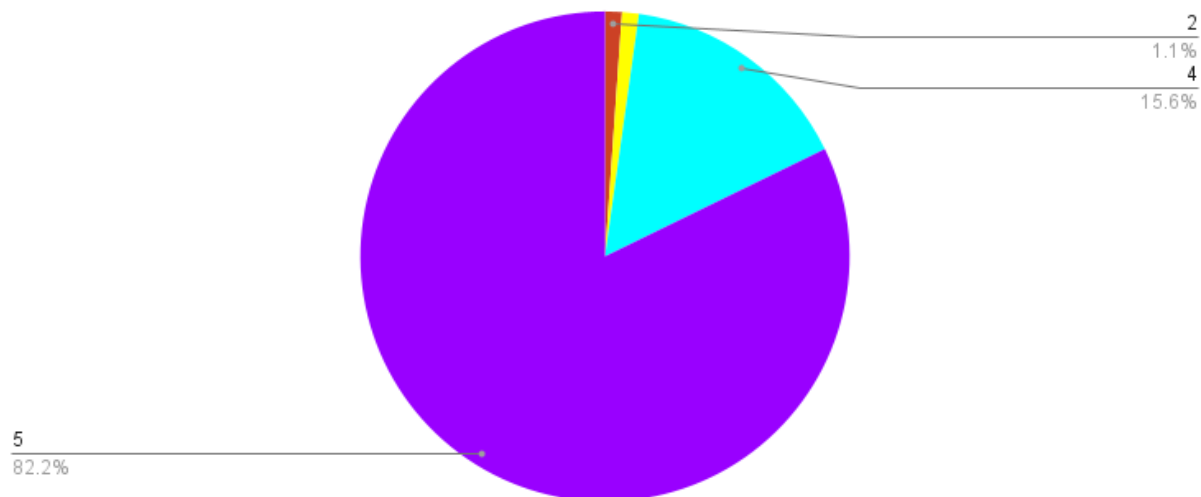
Report on the feedback of participants

Rating Regarding the resource Person



Overall Rating on Content of Workshop

Content Rating



Overall Rating the Workshop

Overall Rating

