

**Department of Mathematics,
Department of Computer Science and Computer
Application,**

Dattajirao Kadam Arts, Science and Commerce College,
Ichalkaranji

☎ (0230) 2420231

✉ E – mail : itcskad@dkasc.ac.in 🌐 Website : itcskad.blogspot.com

Date: 19-07-2021

To,
The Principal,
Dattajirao Kadam Arts, Science and Commerce College,
Ichalkaranji

Subject : Regarding permission to organize a 3-Days Online Workshop for Students Skill Development Programme on "The Joy of Computing using Python" during 22-07-2021 to 24-07-2021...

Respected Sir,

With reference to the above cited subject, the *Department of Mathematics and Department of Computer Science and Computer Application* is going to organize a *3-Days Online Workshop for Students Skill Development Programme* on "*The Joy of Computing using Python*" for the final year students of B.Sc. (Mathematics and Computer Science) and B.C.A. during *22-07-2021 to 24-07-2021*.

Students will get advance knowledge and definitely they would be benefited. So, we request you to please give us the permission to arrange the same.

Thanking you,

Yours faithfully,

19-7-2021



(Mr. S. P. Thorat)

HEAD
DEPARTMENT OF MATHEMATICS
D.K.A.S.C. COLLEGE, ICHALKARANJI



(Mr. Akshay Swami)

HEAD,
Department of Computer Science,
D.K.A.S.C. College, Ichalkaranji
HEAD
Department of B.C.A.
D.K.A.S.C. College, Ichalkaranji



'ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार'

- शिक्षणमहर्षी डॉ. बापूजी साखुंबे

**Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
Dattajirao Kadam Arts, Science and Commerce
College, Ichalkaranji.**



Estd.: June 1962

Tal. Hatkanangale, Dist. Kolhapur - 416 115, Phone : (0230) 2420412

(Permanently Affiliated to Shivaji University, Kolhapur - No. Affl/T-2/5049 dt. 10-7-1999)

पु. कॉलेज - शासन आदेश क्रमांक - एचएससी/०९/विश, एकवीस, दि. ६-५-१९७६ Jr. Code No. J-23.06.001

• E-mail : dkasccollege@gmail.com • Website : www.dkasc.ac.in

NAAC - "A" GRADE

FOUNDER	PRESIDENT	EXECUTIVE PRESIDENT	SECRETARY	I/C PRINCIPAL
Hon. Shikshanmaharshi Dr. Bapuji Salunkhe	Hon. Chandrakant Patil (M. L. A.) Ex-Revenue Minister, Maharashtra State	Prin. Abhaya Kumar Salunkhe M. A.	Prin. Mrs. Shubhangi Gawade M. Sc. B. Ed.	Dr. V. S. Dhekale M. Com., M. Phil., Ph. D., M. B. A.

Out No. DKASC 1309/2021-22

Date: 19/7/2021

To,
Mr. Mehul A. Jadhav,
Assistant Professor,
Department of Computer Science,
The New College, Kolhapur

Subject - Invitation as Resource Person...

Respected Sir,

It is a great pleasure to invite you as a resource person at a **3-Days Online Workshop for Students Skill Development Programme** on "**The Joy of Computing using Python**" organized by the **Department of Mathematics and Department of Computer Science and Computer Application**. The workshop will be held in online mode during **Thursday, July 22, 2021 to Saturday, July 24, 2021**.

We believe that your participation as resource person in this workshop would be a great opportunity for us. Your expertise and knowledge in the area would add a great value to the sense of **Computing using Python** of one and all.

We look forward to your presence and guidance.

Yours faithfully,

(Dr. V. S. Dhekale)
I/c Principal
D.K.A.S.C. College,
Ichalkaranji.

Workshop on The joy of Computing using Python

Date: 22/07/2021



Department of Computer Science and
Computer Application

Dattajirao Kadam Arts, Science and
Commerce College, Ichalkaranji

☎ (0230) 2420231

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A REPORT OF THREE DAYS WORKSHOP ON “THE JOY OF COMPUTING USING PYTHON”

The three days workshop on “The Joy of Computing using Python” organized by department of Mathematics, Computer Science and Computer Application at Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji from 22nd July, 2021 to 24th July, 2021 for all the students of Mathematics, B.C.A. and B.Sc. Computer Science students.

To explore the power and simplicity of python & data science. This workshop was appreciated by all the students as they were able to add another programming language in their technical skill set. The trainer Mr. Mehul Jadhav is the faculty member of The New College, Kolhapur, who has given the mix of theory and practical knowledge of python & data analytics. DR. V.S. Dhekale, Principal, D.K.A.S.C. College, Ichalkaranji inaugurated the workshop, also motivated the students with his speech and explained that these kind of workshops are beneficial for their upcoming placements and technical knowledge.

DAY 1: 22nd July 2021

Introduction to python and students were taught that python is simple programming language compared to other programming languages, and the following topics were covered.

1. What is python?

Workshop on The joy of Computing using Python

Date: 22/07/2021

2. Applications of python (web applications, web frameworks, GUI based desktop applications etc.)
3. Data types in python with programs.
4. Loops & conditions in python with programs.

DAY 2: 23rd July 2021

Exception Handling, Multiple Exception Handling, information about Data Science in real life and how python is useful, Sample video based on Data Science which is performed by Mehul Jadhav sir. Following topics were covered -

1. String manipulation.
2. Lists in python with program.
3. Tuples
4. Dictionaries in python with program.
5. Sets in python.
6. Range, Functions, Variables in python.
7. Modules in python.
8. Introduction to data analytics.
9. Applications of data analytics.
10. Connectivity of machine learning & artificial intelligence with data science.
11. Use of data science in real time applications.
12. M-2 and P&S are the base subjects to understand Data science.
13. Writing own programs on whether he/she is eligible for voting or not & program for calculator which does subtraction, multiplication, addition and operations etc.
14. Showed a video of the dart project which was done by Mr. Mehul and team and explained the project.

DAY 3: 24th July 2021

1. Explained how system identifies apple & orange based on texture, shape and weight.
2. Explained the mechanism how the Artificial Intelligence is trained by programs.
3. Explained the importance of AI and told Microsoft has created an AI which itself creates another AI.
4. Exception handling in python with programs.
5. Numpy, Matplotlib, Classifier, Scikit learn.
6. GUI programming in python
 - PYQT
 - PYGTK
 - PYGAME

Workshop on The joy of Computing using Python

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- TKINTER
 - WXPYTHON
7. GUI programs on:
- Configuring widgets.
 - Buttons.
 - Multiple widget.
 - Controlling widget appearance.
 - Use of pack
 - Grid method.
 - Text box input.
 - Display image.
8. Lastly a task was given to students to make a login verification system using GUI program.



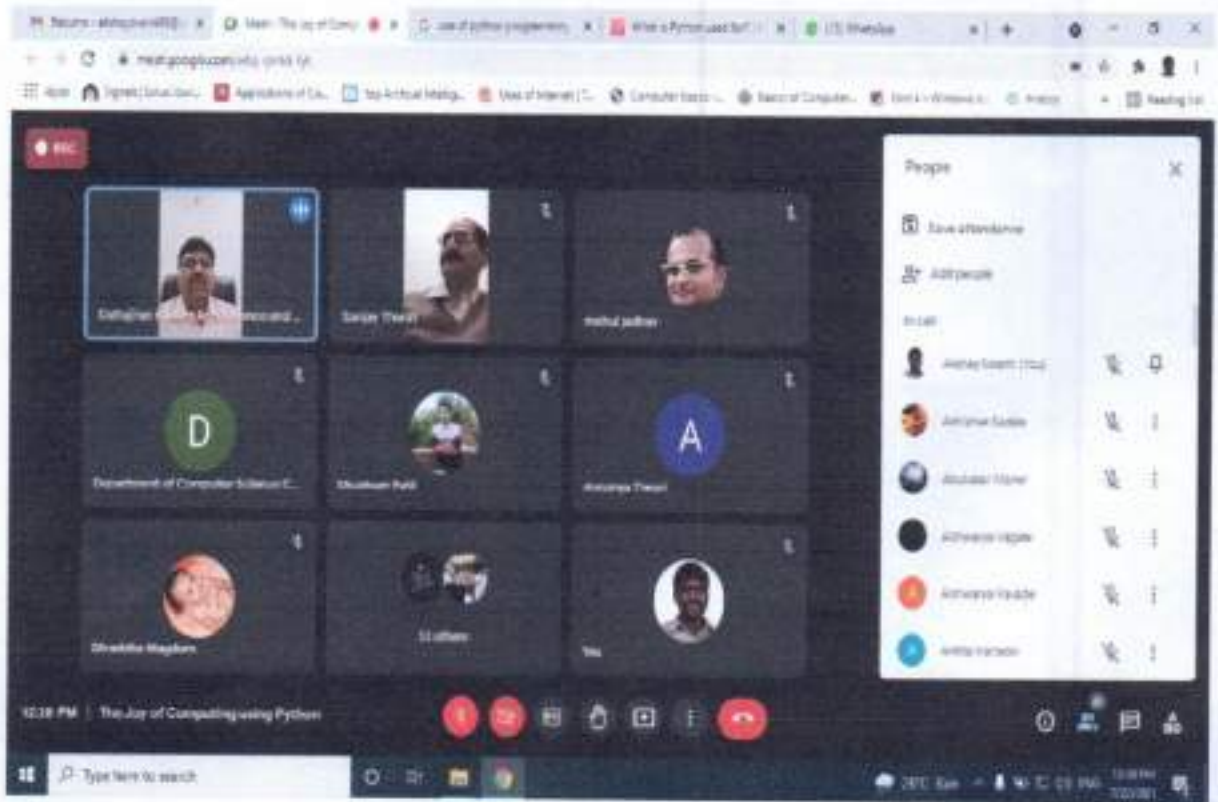
(Mr. Akshay Swami)
Head,
Department of Computer Science
and Computer Application
D. K. A. S. C. College, Ichalkaranji



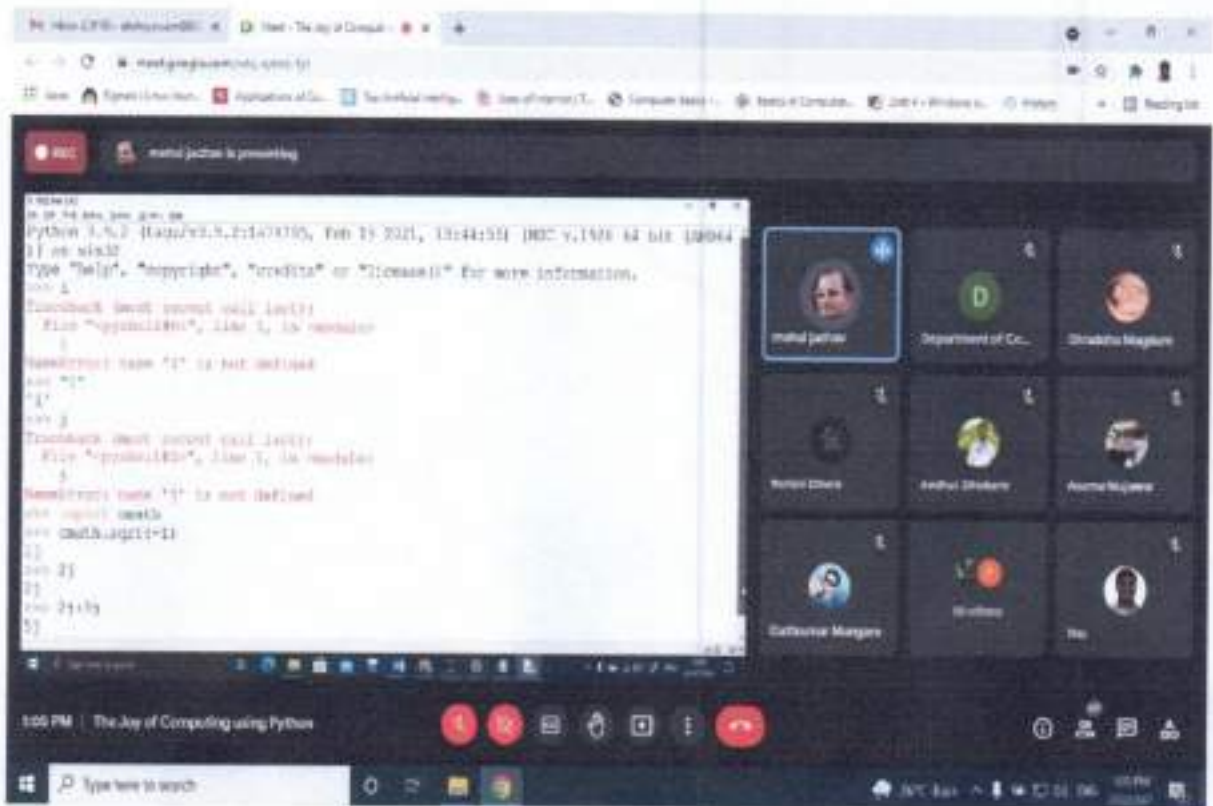
Hon. Principal Dr. Dhekale sir and Participants in online workshop

Workshop on The joy of Computing using Python

Date: 22/07/2021



Participants in online workshop



Participants in online workshop



“ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार”

- शिक्षणमहर्षी डॉ. बापूजी साहूखे

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Out No. DKASC 1224/2021-22

Date: 30/7/2021

To,
Mr. Mehul A. Jadhav,
Assistant Professor,
Department of Computer Science,
The New College, Kolhapur

Subject - Appreciation Letter...

Respected Sir,

I would like to take this opportunity to thank you on behalf of our college for participating as resource person at a **3-Days Online Workshop for Students Skill Development Programme** on **"The Joy of Computing using Python"** organized by the **Department of Mathematics and Department of Computer Science and Computer Application** held in online mode during **Thursday, July 22, 2021 to Saturday, July 24, 2021.**

It was obvious that you are extremely knowledgeable in your field, and can link this knowledge up to a great presenting style. It saw everyone captivated.

All the students and faculties appreciated and got benefited from your amazing guidance on **The Joy of Computing using Python.**

We find that the whole area of your expertise is truly fascinating and would ask that you consider a repeat performance at some future date. You are welcome at our college whenever your schedule allows.

Yours faithfully,

(Dr. V. S. Dhekale)
I/c Principal
D.K.A.S.C. College,
Ichalkaranji.

Workshop on The joy of Computing using Python

Date: 22/07/2021

"Dissemination of Education for Knowledge, Science and Culture" - Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji

One Day Online Workshop on "The Joy of Computing using Python"

Day and Date : Saturday, July 22, 2021

Organized by Department of Mathematics, Computer Science and Computer Application

* Meet - *wtq-qmtd-fyt*
* Meeting code: *wtq-qmtd-fyt*
* Created on **2021-07-22 12:00:47**
by <https://chrome.google.com/webstore/detail/google-meet-attendance-li/appcnhiefcidclcdjeahgklghghihfok>

Registration List of Participants

Sr.No.	Full Name	First Seen	Time in Call
1	Aishwarya Kagale	22-07-2021 12:21	00:33:20
2	Aishwarya Kavade	22-07-2021 12:21	01:27:12
3	Aksh more	22-07-2021 12:21	00:14:29
4	Akshata Mali	22-07-2021 12:21	00:20:37
5	Ankita Mahadik	22-07-2021 12:21	01:07:21
6	Asama Mujawar	22-07-2021 12:21	01:08:01
7	Ashwini Kumbhar	22-07-2021 12:21	00:24:21
8	Bismilla Mulla	22-07-2021 12:21	01:27:40
9	Chaitrali Patil	22-07-2021 12:21	00:58:01
10	Dattkumar Mungare	22-07-2021 12:21	00:51:50
11	Dawood Patel	22-07-2021 12:21	01:27:31
12	Department of Computer Science Co	22-07-2021 12:21	01:32:08
13	Dipak Patil	22-07-2021 12:21	00:15:00
14	Dipti Sawant	22-07-2021 12:21	00:08:06
15	Dnyaneshwar Yadav	22-07-2021 12:21	01:31:52
16	Dnyaneshwari Banne	22-07-2021 12:21	00:04:27
17	Kalpesh Kumbhar	22-07-2021 12:21	01:26:11
18	Kunal Patil	22-07-2021 12:21	00:00:04
19	Manasi Bhonge	22-07-2021 12:21	00:00:07
20	Mayuri Koli	22-07-2021 12:21	01:05:57
21	Mayuri Pandharpote	22-07-2021 12:21	01:15:54
22	Omkar Gudale	22-07-2021 12:21	01:17:05
23	Pooja Bhitade	22-07-2021 12:21	00:32:32
24	Pooja Patil	22-07-2021 12:21	01:27:49
25	Prajakta Patil	22-07-2021 12:21	00:19:48
26	Pranali Gaikwad	22-07-2021 12:21	00:23:11
27	Pranouti Mali	22-07-2021 12:21	00:51:41
28	Priyanka Mane	22-07-2021 12:21	00:01:24
29	Priyanka Shinde	22-07-2021 12:21	00:41:08
30	RAMAJAN NADAF	22-07-2021 12:21	01:26:12
31	Raisa Sanadi	22-07-2021 12:21	00:27:10

Workshop on The joy of Computing using Python

Date: 22/07/2021

32	Rohini Dhere	22-07-2021 12:21	01:25:58
33	Rutuja Varpe	22-07-2021 12:21	01:13:24
34	Sadiqa Naykodi	22-07-2021 12:21	00:22:25
35	Sanjay Thorat	22-07-2021 12:21	00:13:26
36	Shraddha Magdum	22-07-2021 12:21	01:25:34
37	Shrutika Mali	22-07-2021 12:21	01:07:21
38	Shubham Shinde	22-07-2021 12:21	01:05:18
39	Shubhangi Batte	22-07-2021 12:21	00:24:07
40	Shubhangi Landage	22-07-2021 12:21	01:13:32
41	Statusworld	22-07-2021 12:21	00:13:50
42	Tanuja Madhale	22-07-2021 12:21	01:16:16
43	Tejaswini Patil	22-07-2021 12:21	01:23:34
44	Utkarsha Farande	22-07-2021 12:21	00:05:11
45	Vaishnavi Morye	22-07-2021 12:21	01:20:31
46	Varsha Dhokare	22-07-2021 12:21	01:26:52
47	apurwa kamble	22-07-2021 12:21	00:56:04
48	mehul jadhav	22-07-2021 12:21	01:25:41
49	shital mane	22-07-2021 12:21	00:38:00
50	shruti jadhav	22-07-2021 12:21	01:14:03
51	sneha mali	22-07-2021 12:21	00:04:26
52	Ananya Tiwari	22-07-2021 12:21	01:23:45
53	Susmita Reure	22-07-2021 12:21	01:05:15
54	Sneha Jadhav	22-07-2021 12:21	01:15:24
55	ATUL HOGADE	22-07-2021 12:21	01:17:05
56	Ganeshwadi Shubham	22-07-2021 12:21	00:49:08
57	Aditi Chopade	22-07-2021 12:21	01:20:52
58	RATHI ANSUL	22-07-2021 12:21	01:15:54
59	Prathamesh Naik	22-07-2021 12:21	01:07:21
60	Bhilawade Sonali	22-07-2021 12:21	01:21:40
61	BIRAJE SNEHAL	22-07-2021 12:21	01:27:40



(Mr. Akshay Swami)

HEAD,

Department of Computer Science,
D.K.A.S.C. College, Ichalkaranji.

HEAD

Department of B.C.A.
D.K.A.S.C. College, Ichalkaranji