REPORT ON – WEBINAR & WORKSHOP

"Android Development"

(Expert Talks)Held on: 27th July 2021

Date of Event	**27th July 2021**
Name &Type of Event	**A virtual session & workshop on "Android Development", was organized for the students of MCA.** **The Guest Speaker was:** **Mr. Deepayan Pal (Founder & Director of Sikharthy Infotech, Kolkata)**
Conducted By	**The Training & Placement Department**
No. of Participants	**38 (Including 2 from Sikharthy InfoTech, 2 Faculty Coordinators & 4 Members from T&P Department)**

INTRODUCTION

Expert Talks, Held on: 27th July 2021, was based on Android Development. The webinar-cum-workshop was intended to give the students a fair idea about the application of android. The discussion started with the question "What is android" to assess the knowledge of the students and to break the ice. The distinguished speaker spoke at length on how building apps for mobile devices often requires mastery of a number of nuanced concepts. Mr. Pal spoke about JAVA Programming language that underpins all android development, mastering the basics of XML, android SDK, Android studio etc. He also shared his screen to show LIVE how an application is developed on an android. This provided students an opportunity to provide input to and exchange ideas and give individual feedback on issues of importance to this topic.

Sikharthy Infotech Private Limited is one of the best Web Development Companies in Kolkata. They also have a Skill Development wing where students and freshers are getting skilled to join the IT sector. Today, many of their trained candidates are working with top IT companies like TCS, CTS, ITC Infotech, and many more.

WEBINAR STRUCTURE

This virtual session was organized and hosted for the students of MCA, by the Training & Placement Department with participation from respective Faculty Coordinators. The speaker encouraged the students to actively participate in order to establish a 2 – way communication as he touched the nuances related to the topic. He also engaged the students in an online workshop wherein various polls were done to explain the topic.

ABOUT THE SPEAKER

Mr.Deepayan Pal is the **Founder & Director of Sikharthy Infotech Pvt.Ltd. where he specializes in different fields of IT.** He is a seasoned IT professional with over 8 years of Industry experience as a software developer.

KEY TAKEAWAYS

Participants raised many questions and provided comments regarding the Webinar's scope and how it connects with the broader picture. Some students even clarified their doubts in a one on one conversation. The distinguished speaker ensured that he **patiently answered to all the questions elaborately.** These questions and

Siddhant Institute of Computer Application SEAL Pune-411009

perspectives were taken into consideration by the Training & Placement Department too for much better curriculum modification regarding placement activities. **The speaker also made the students aware of android development through hands on training to prepare fresh graduates to seize career opportunities.**

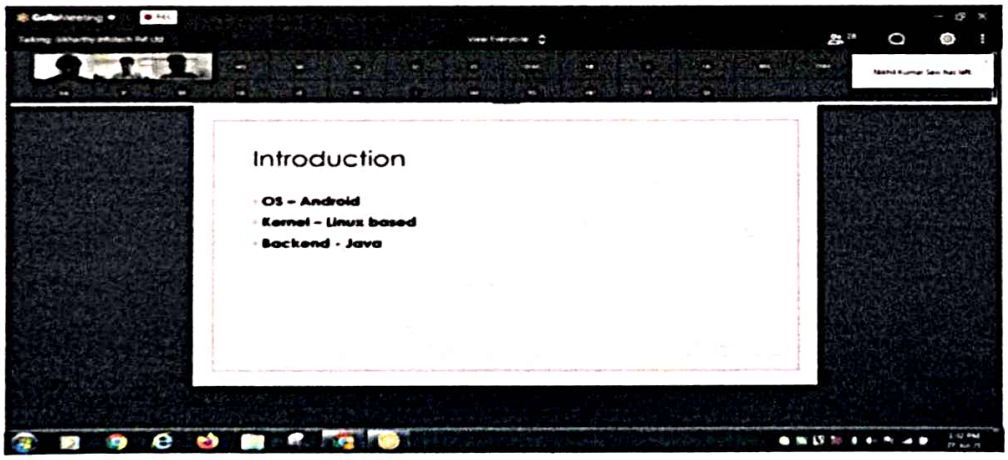
The key statements, quotes and points:

- What is Android?
- Enlightened about XML scripting language.
- Implications of Android Studio and its application.
- LIVE Application development on Android.

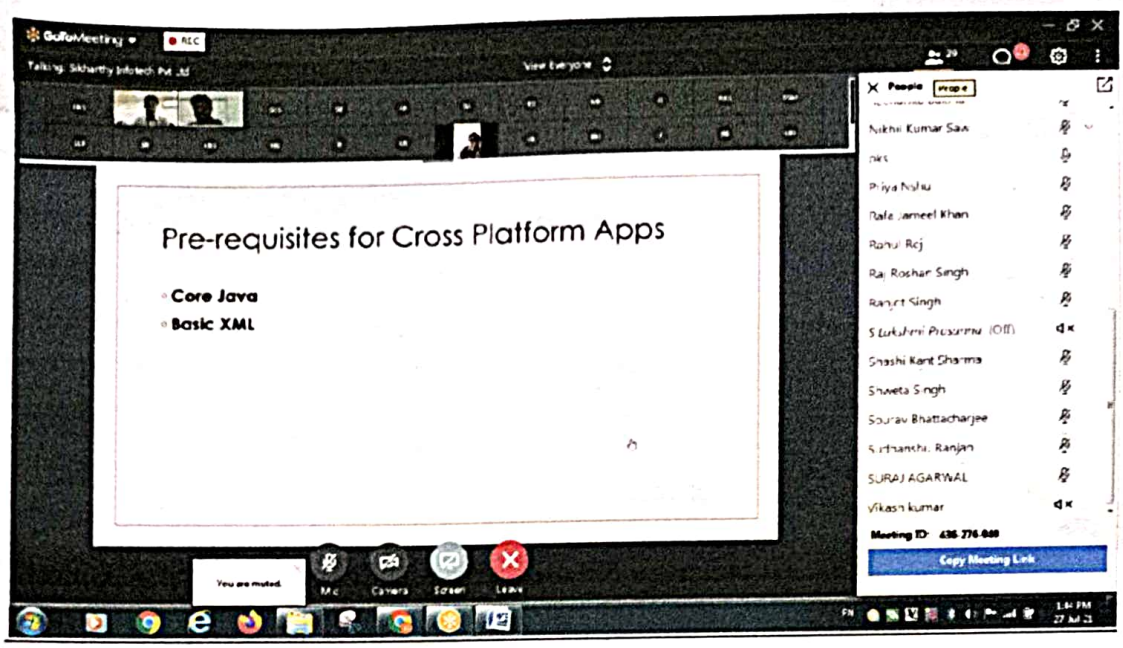
PROGRAM

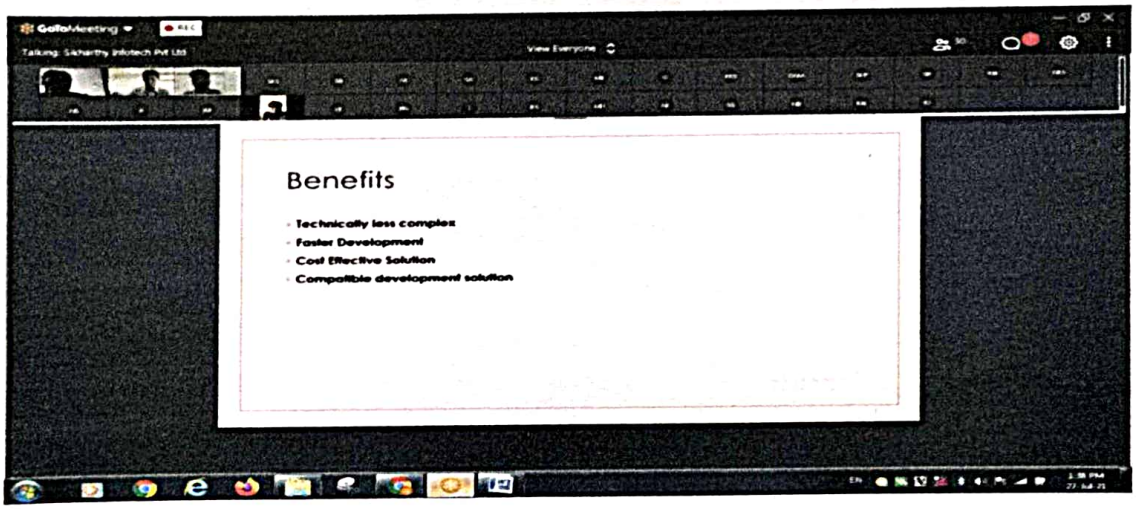
The event was smoothly coordinated by TPO Mrs. Reshma Jadhav. For this Webinar, GoTo Meeting ID and password was shared with the eligible students. In the beginning, Mrs. Reshma Mavkar (HOD) gave a welcome address to the participants and after the presentation she delivered the vote of thanks. Mrs. Sarita Patil, Sr.Project Manager from Sikharthy Infotech also attended the event. The program was also attended by Mrs. Reshma Jadhav (Training & Placement Officer), the Faculty Coordinators Prof. Priyadarshani Naral &Kalyani Joshi.

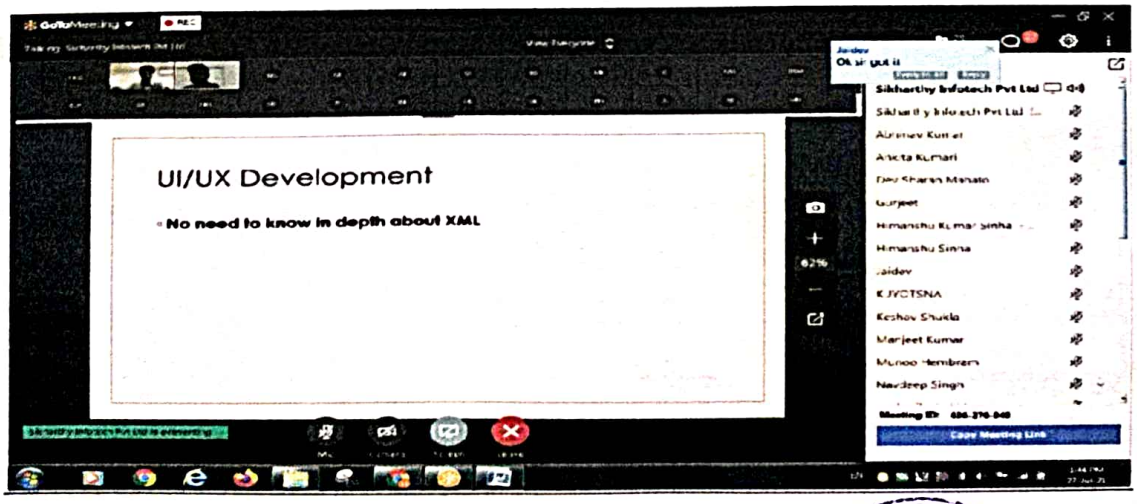
SOME SCREENSHOTS FROM THE WEBINAR:



Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

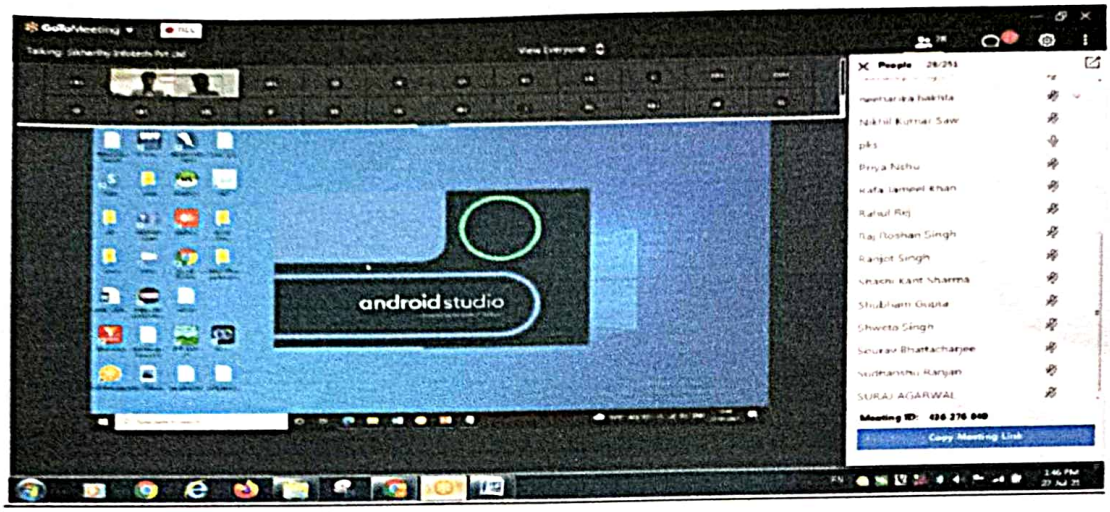




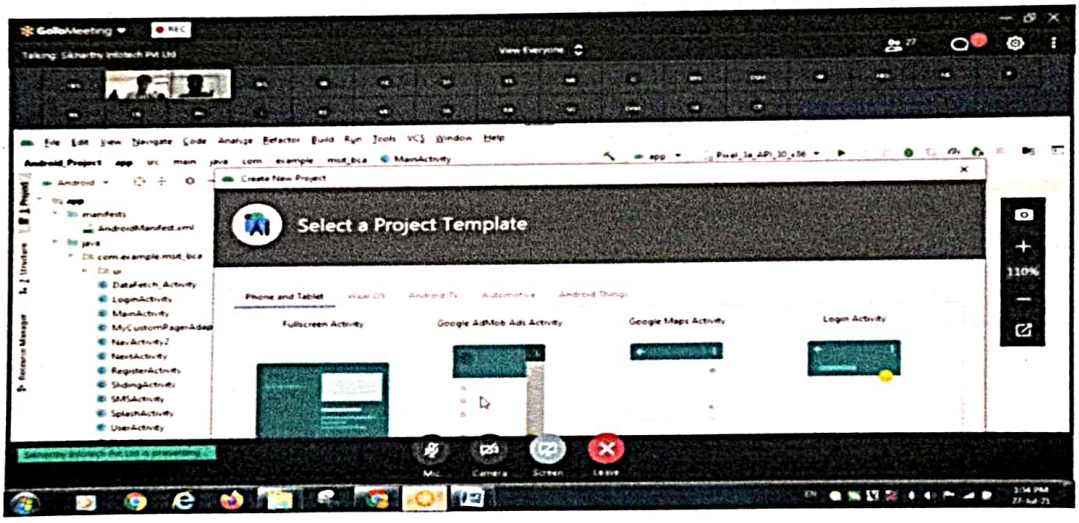


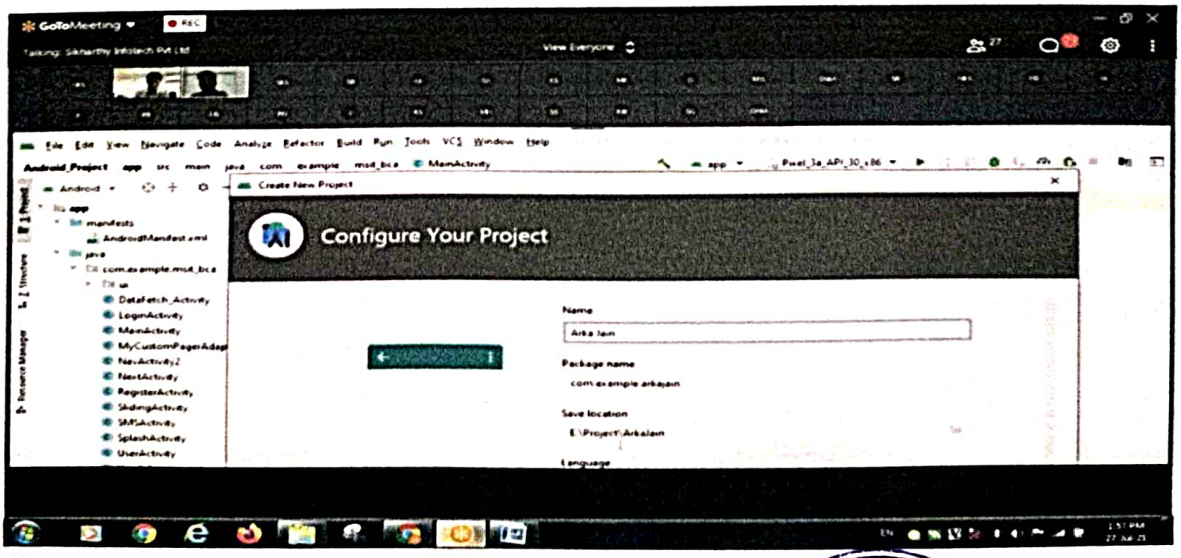
IQAC Cell – Event Reporting Format

Siddhant Institute of Computer Application
SEAL
Sinhgad, Pune-411041

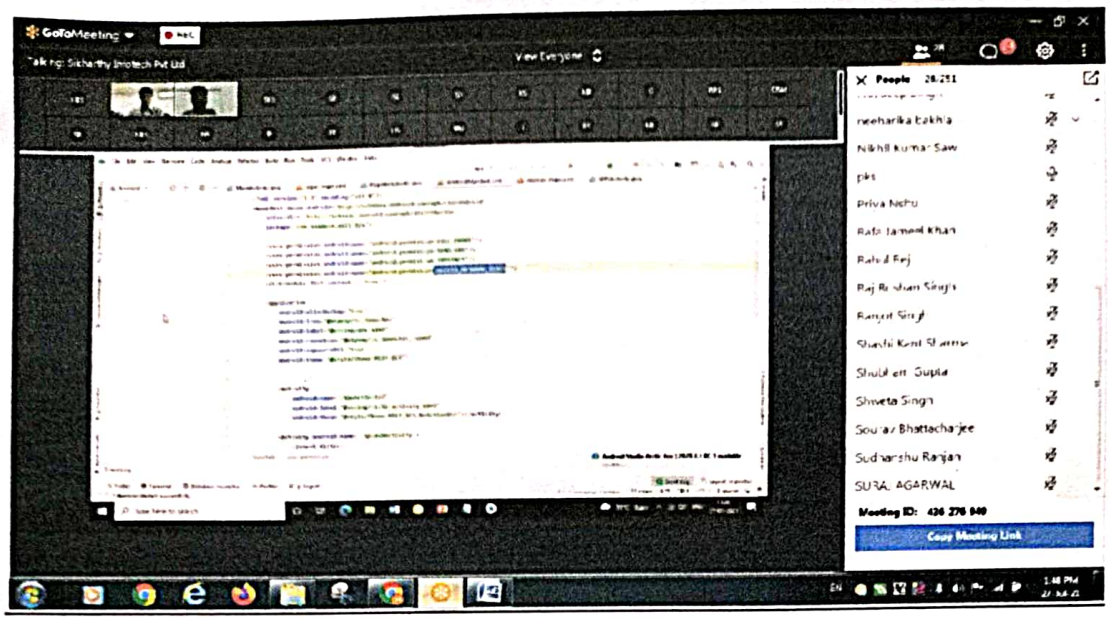


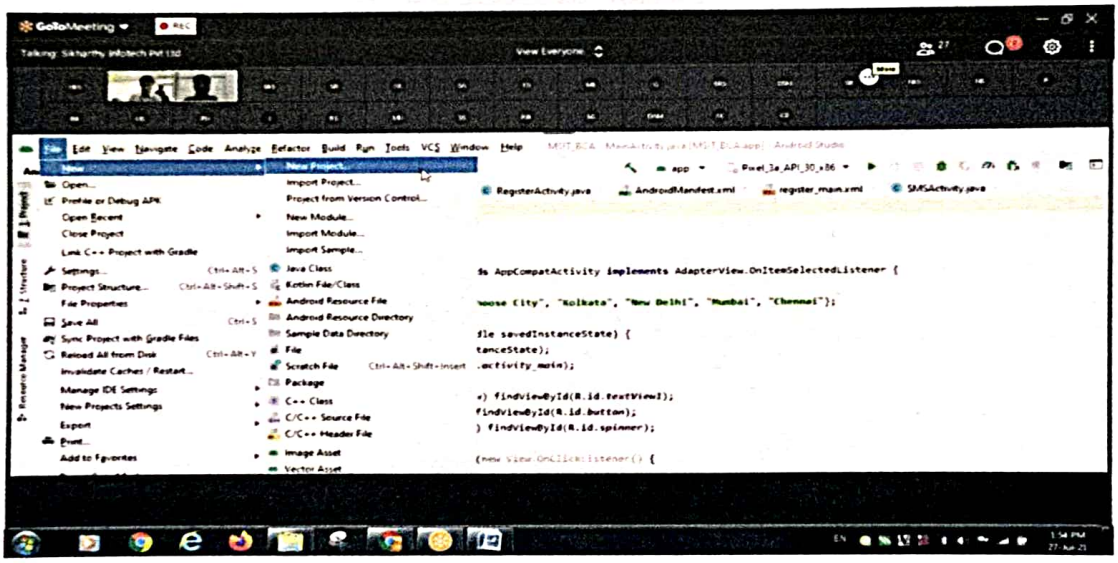
Creating New Application:





Siddhant Institute of Computer Application
SEAL





Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

Director
Siddhant Institute of Computer Applicatio
Sudumbare, Maval, Pune - 412109

IQAC Cell – Event Reporting Format

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email:siddhantica1@gmail.com Website: www.siddhantica.in

TRAINING NOTICE

Date: 1st November 2021

MCA students are hereby informed that starting from 8th November 2021 to 12 November 2021every day till successful delivery of course content, between 2.30 pm and 4.30pm there will be ONLINE training on DS Brush up training. All students are requested to keep necessary technical set up ready at their end.

Training Cell Coordinator
Prof. ReshmaJadhav

Director
SICA

Director
Siddhant Institute of Computer Applications
Sudumbare, Maval, Pune - 412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email:siddhantica1@gmail.com Website: www.siddhantica.in

A.Y. 2020-21

DS Brush up training

Date- 8th November 2021 to 12 November 2021
Time-2.30 pm to 4.30pm
Venue-Zoom platform
Speaker – Mrs. ReshmaMavkar

Hands-on ONLINE training sessions on DS Brush up training were organized by the training cell of the institute for MCA students. These sessions were conducted every day in the second half. During these highly interactive sessions, following topics were covered by the trainer:

What is Data Structure:

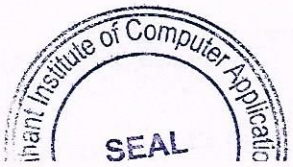
A data structure is a storage that is used to store and organize data. It is a way of arranging data on a computer so that it can be accessed and updated efficiently.

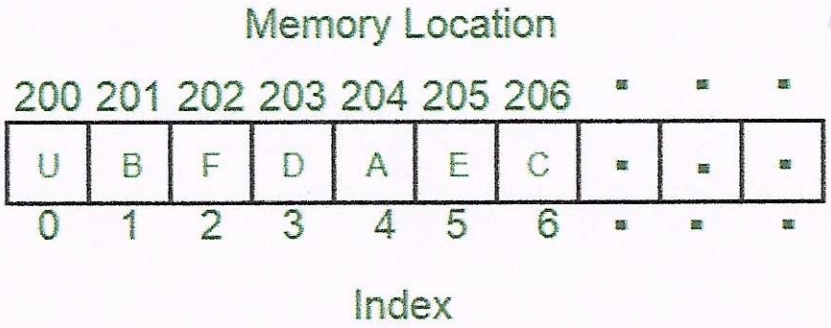
A data structure is not only used for organizing the data. It is also used for processing, retrieving, and storing data. There are different basic and advanced types of data structures that are used in almost every program or software system that has been developed. So we must have good knowledge of data structures.

Data structures are an integral part of computers used for the arrangement of data in memory. They are essential and responsible for organizing, processing, accessing, and storing data efficiently. But this is not all. Various types of data structures have their own characteristics, features, applications, advantages, and disadvantages. So how do you identify a data structure that is suitable for a particular task? What is meant by the term 'Data Structure'? How many types of data structures are there and what are they used for?

Arrays:

An array is a linear data structure and it is a collection of items stored at contiguous memory locations. The idea is to store multiple items of the same type together in one place. It allows the processing of a large amount of data in a relatively short period. The first element of the array is indexed by a subscript of 0. There are different operations possible in an array, like Searching, Sorting, Inserting, Traversing, Reversing, and Deleting.



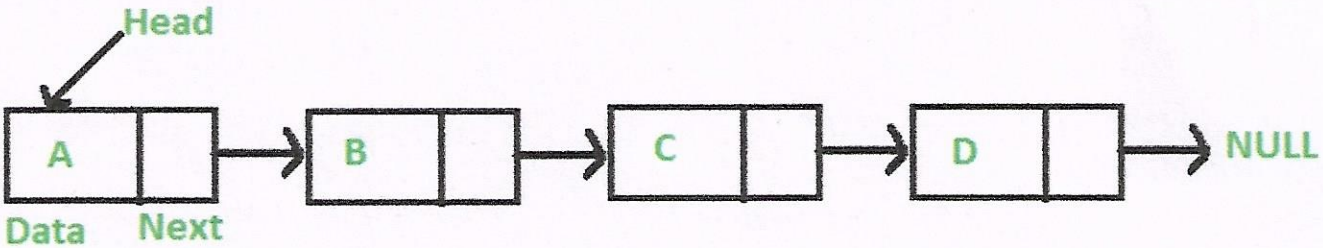


Linked list:

A linked list is a linear data structure in which elements are not stored at contiguous memory locations. The elements in a linked list are linked using pointers as shown in the below image:

Types of linked lists:

- Singly-linked list
- Doubly linked list
- Circular linked list
- Doubly circular linked list



Linked List

Static and Dynamic data structures

In the Static data structure, the size of the structure is fixed. The content of the data structure can be modified without changing the memory space allocated to it.

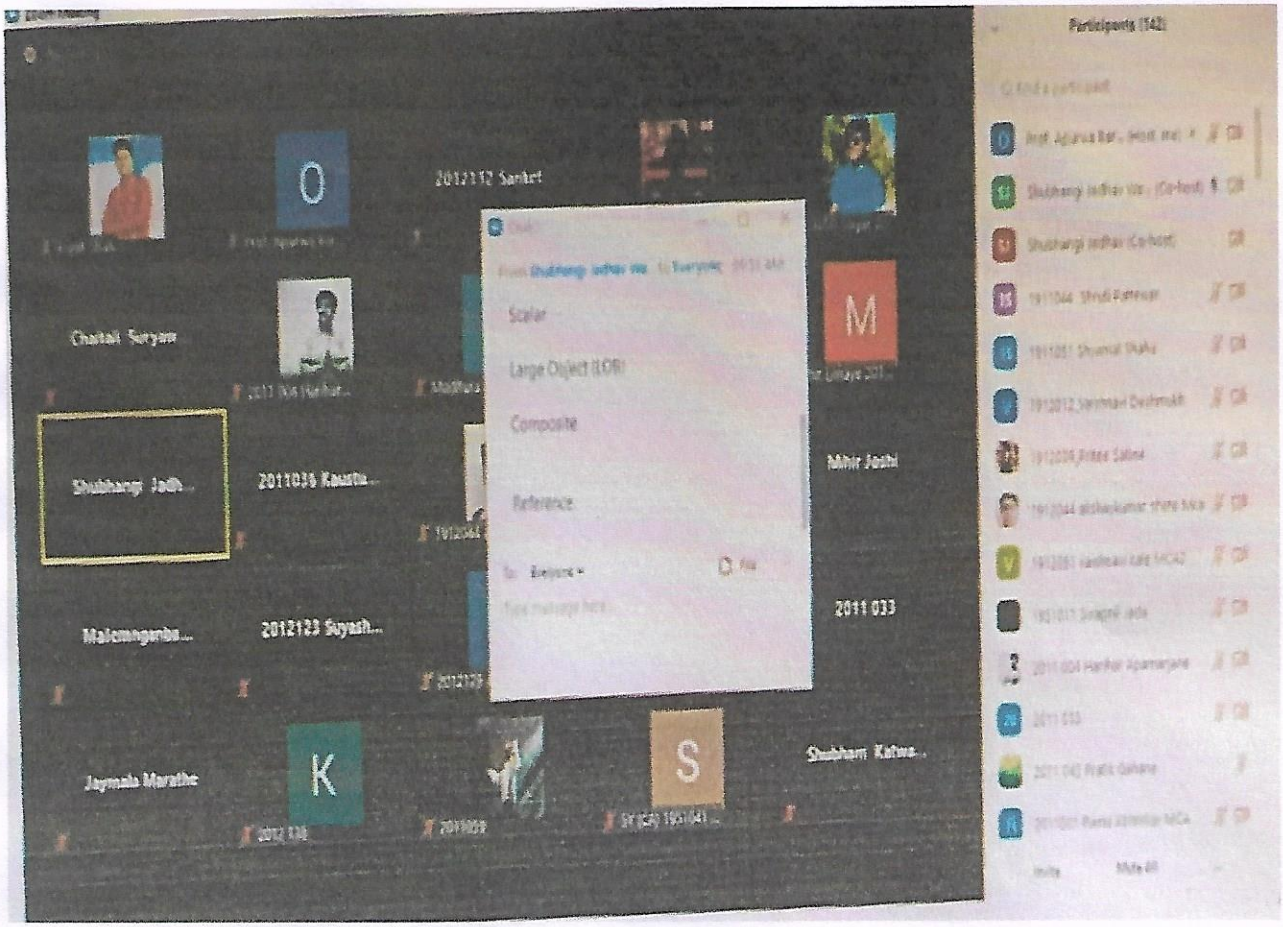
CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email:siddhantica1@gmail.com Website: www.siddhantica.in

40	55	63	17	22	68	89	97	89
0	1	2	3	4	5	6	7	8

<- Array Indices

Array Length = 9
First Index = 0
Last Index = 8

Photographs



Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

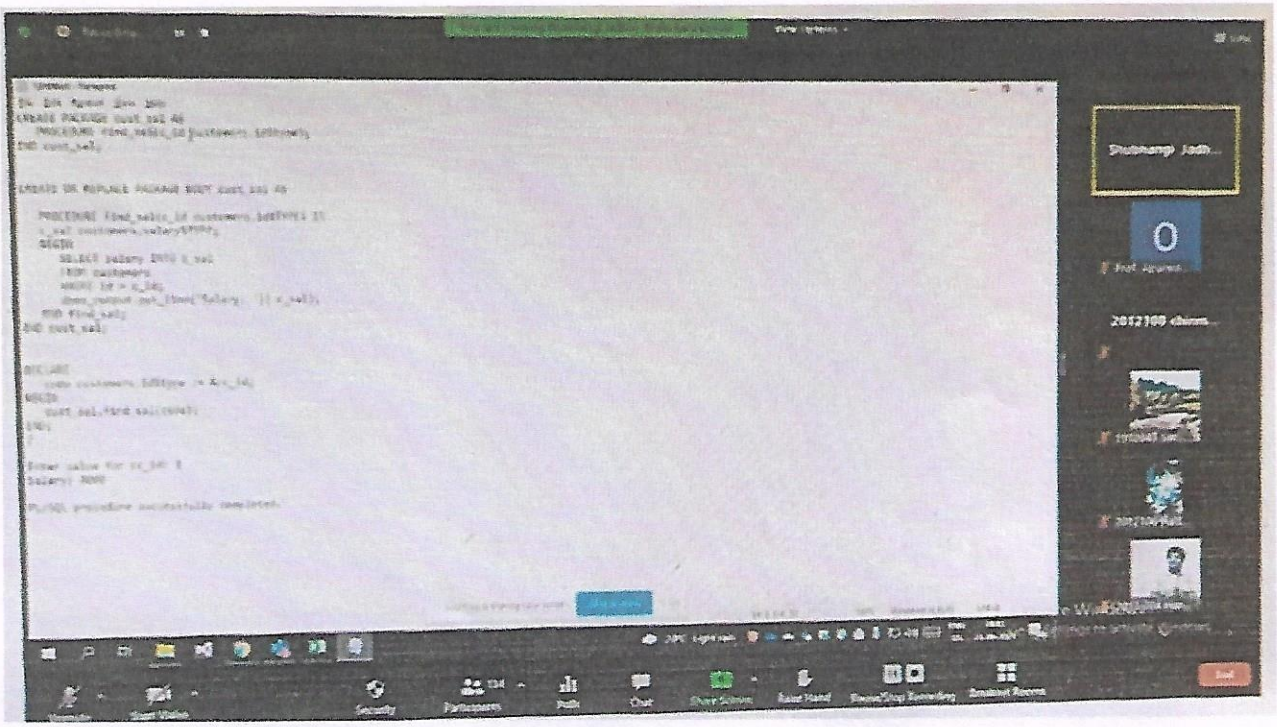
CAYM Education Trust's

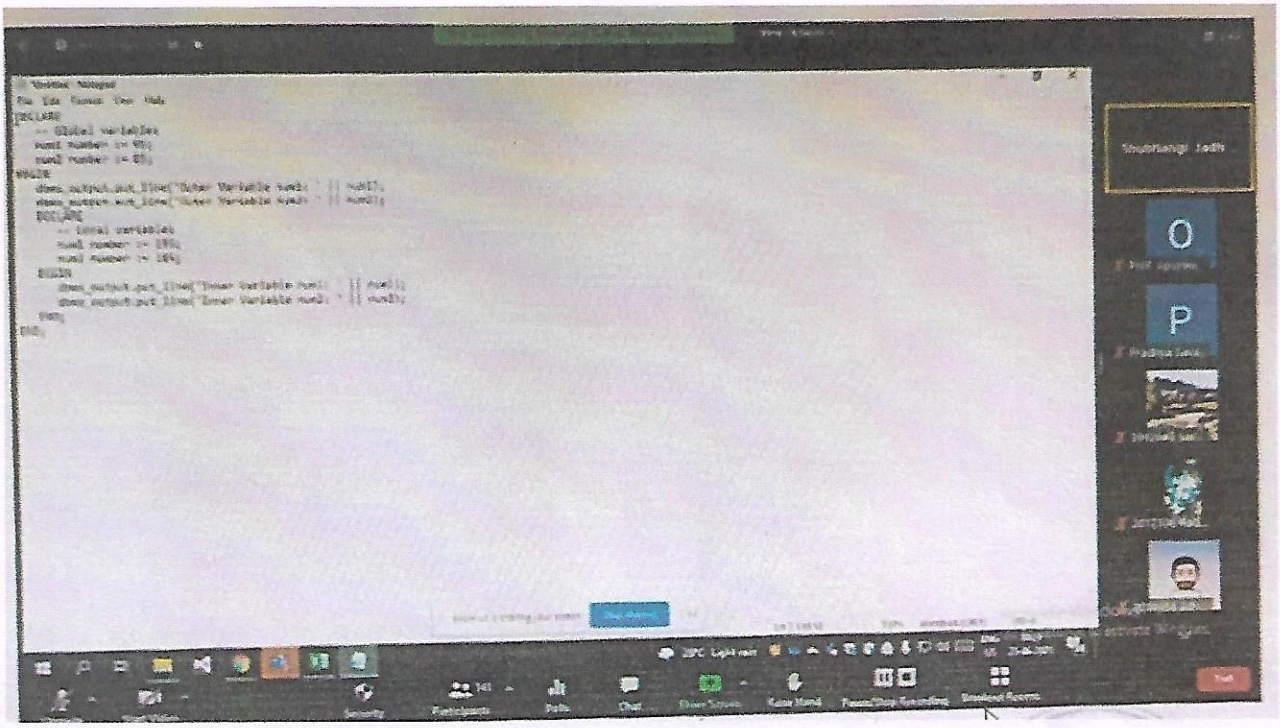
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email:siddhantica1@gmail.com **Website:** www.siddhantica.in





Siddhant Institute of Computer Application SEAL

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email:siddhantica1@gmail.com Website: www.siddhantica.in

DS Brush up training Attendance Sheet

Sr. No.	Student Name	08-Nov	09-Nov	10-Nov	11-Nov	12-Nov
1	ABHISHEK AMOL CHIDRAWAR	P	P	P	P	P
2	AKSHAY BABURAO DASHRATHE	P	P	P	P	P
3	AKSHAY PRESHIT PATIL	P	P	P	P	P
4	ANKIT SANJAY SINGH	AB	AB	AB	AB	P
5	ANNADATE MANSI VIJAY	P	P	P	P	P
6	ATTARDE CHAITANYA KIRAN	P	P	P	P	P
7	BARURE PUNDLIK BALAJI	P	P	P	P	P
8	BHAGAT NEERAJKUMAR KIRIT	AB	P	AB	AB	AB
9	BHAWARAY MANISH VIJAYDATT	AB	P	AB	AB	AB
10	BONDE RUSHIKESH PRAKASH	P	P	P	P	P
11	CHOPADE VAIBHAV SANJAY	P	AB	AB	P	P
12	CHOUDHARY BHAVESH KANARAM	P	AB	AB	AB	AB
13	DENKAR RESHMA BALIRAM	P	P	P	AB	AB
14	DHARPAL ARNAV NARENDRA	AB	AB	AB	AB	P
15	GHADGE VAIBHAV DILIP	AB	AB	P	P	P
16	GHOLAP CHETANA KHANDU	AB	AB	P	P	AB
17	GUNJAL POOJA RAJENDRA	P	P	P	P	P
18	HULE NIRANJAN DATTATRAY	P	P	P	P	P
19	HURDALE SHAILESH RAVISHANKAR	AB	AB	AB	AB	AB
20	JADHAV SANKET DATTATRAYA	P	P	P	P	P
21	KADAM POONAM SUBHASH	AB	AB	AB	AB	AB
22	KALASKAR NIKHIL KALASKAR	P	P	P	P	P
23	KAMBLE ADITYA GAUTAM	AB	AB	AB	AB	AB
24	KSHIRSAGAR GANESH SHRINIVAS	P	P	P	P	P
25	MAGAR DIPALI ASHOK	AB	AB	AB	AB	AB
26	MALGHE VAIBHAVI SAHEBRAO	P	P	P	P	P
27	MANKAR VAIBHAV SANJAY	AB	AB	AB	AB	AB
28	MONIKA KUMARI	P	P	P	P	P
29	NERKAR PRIYANKA ISHWARLAL	P	P	P	P	P
30	NIKITA PRADIP KADAM	P	P	P	P	P
31	NILESH SUBHASH RANGARI	P	P	P	P	P
32	NITA SURESH GORADE	P	P	P	P	P

Siddhant Institute of Computer Application SEAL

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra RecognisedSavitribaiPhule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email:siddhantica1@gmail.com **Website:** www.siddhantica.in

33	PALAYE RUTUJA ASHISH	P	P	P	P	P
34	PALNE SAGAR SANJAY	P	P	P	P	P
35	PATIL BHUSHAN SUNIL	P	P	P	P	P
36	PATIL SANKET KHUSHAL	AB	AB	AB	AB	AB
37	PRATIK BALASAHEB GAIKWAD	P	P	P	P	P
38	PUND SANKET RAJENDRA	P	P	P	P	P
39	RANUBA SHAMRAO IRKAR	AB	AB	AB	AB	AB
40	ROHINI UDHAV BHARTI	P	P	P	P	P
41	SAHANI SHIVAM VIJAY	P	P	P	P	P
42	SAKPAL PALLAVI SUBHASH	AB	AB	AB	AB	AB
43	SAMAL RAHUL SUNIL	P	P	P	P	P
44	SAMRUDDHI ANILRAO DAMBHARE	AB	AB	AB	AB	AB
45	SHAIKH ALTAF BADSHAHA	P	P	P	P	P
46	SHAIKH FARZANA BABA	P	P	P	P	P
47	SHAIKH SHOAIB RAHIM	P	P	P	P	P
48	SHINDE AAKANKASHA MANGESHKUMAR	P	P	P	P	P
49	SHUBHAM RAMKISAN JOSHI	P	P	P	P	P
50	SHWETA JHA	AB	AB	AB	AB	AB
51	SONARE POOJA RAJU INDU	AB	AB	AB	AB	AB
52	SOURABH DNYANDEV NAGARE	P	P	P	P	P
53	SUHAS SUBHASH KADAM	AB	AB	AB	AB	AB
54	SYED ATHER AHMAD SYED RAHEEM	P	P	P	P	P
55	TALEKAR KOMAL BALIRAM	P	P	P	P	P
56	THOMBARE BHUVNESHWARI YUVRAJ	P	P	P	P	P
57	VAIBHAV MACHINDRA BARNE	AB	AB	AB	AB	AB
58	VERMA NEERAJ MOHANLAL	P	P	P	P	P
59	WADEKAR ABHISHEK NAVNATH	P	P	P	P	P
60	WADEKAR AJIT SANJAY	P	P	P	P	P
61	YASH SHUKLA	P	P	P	P	P
62	YEWATKAR ASHWINI VISHAL	AB	AB	AB	AB	AB

Training Cell Coordinator
Prof. ReshmaJadhav

Siddhant Institute of Computer Application Sudumbare, Pune-412109. SEAL

Director
SICA
Director
Siddhant Institute of Computer Application
Sudumbare, Maval, Pune - 412109.

SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add: At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email: siddhantica1@gmail.com **Website:** www.siddhantica.in

Date:08 January2022

GUEST LECTURE ON CAREER SKILLS

1. Expert Detail

Name: Atulya G.

Organization: Xenstacpvt.ltd.

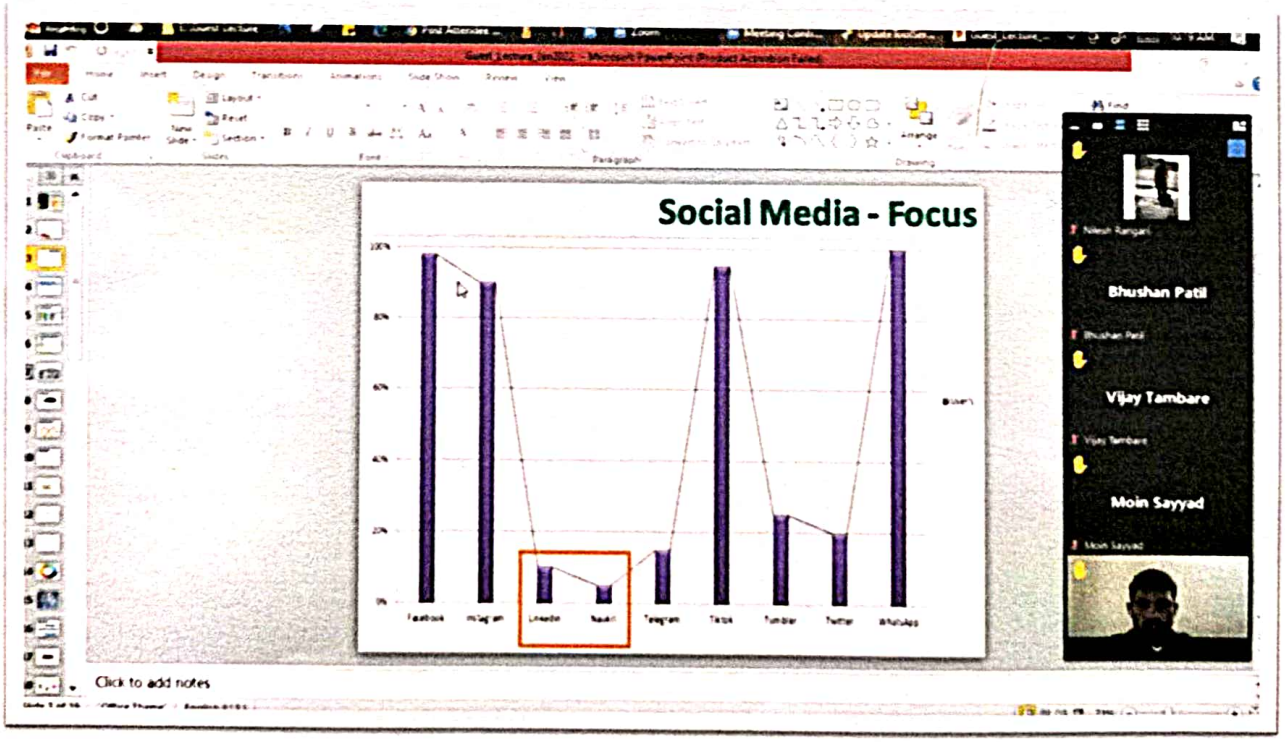
Total Experience: 8Years

2. Brief details of the event:

The Department of MCA has successfully organized a guest lecture on Career Skills on 08 Jan 2022 at 10:48 pm which was delivered by Prof Atulya , Assistant Prof and Soft Skills Trainer, TCET, Mumbai. 250 students joined through Google meet and 56 students on live streaming of Zoom meet. Our FE student Mr. Aniket Singh introduced the guest and Mr Bhushan Patil proposed the vote of thanks. The guest lecture was interactive and focused on self development and career skills. We received a positive feedback from students. We are thankful to Director Mr Nitin Shrirao Sir and HOD, Reshma Mavkar Madam for guidance and motivation to plan guest lectures, Seminars and workshop for the all-round development of the students along with academics. The seminar was coordinated by Asst Prof.Sarita Patil.

SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in



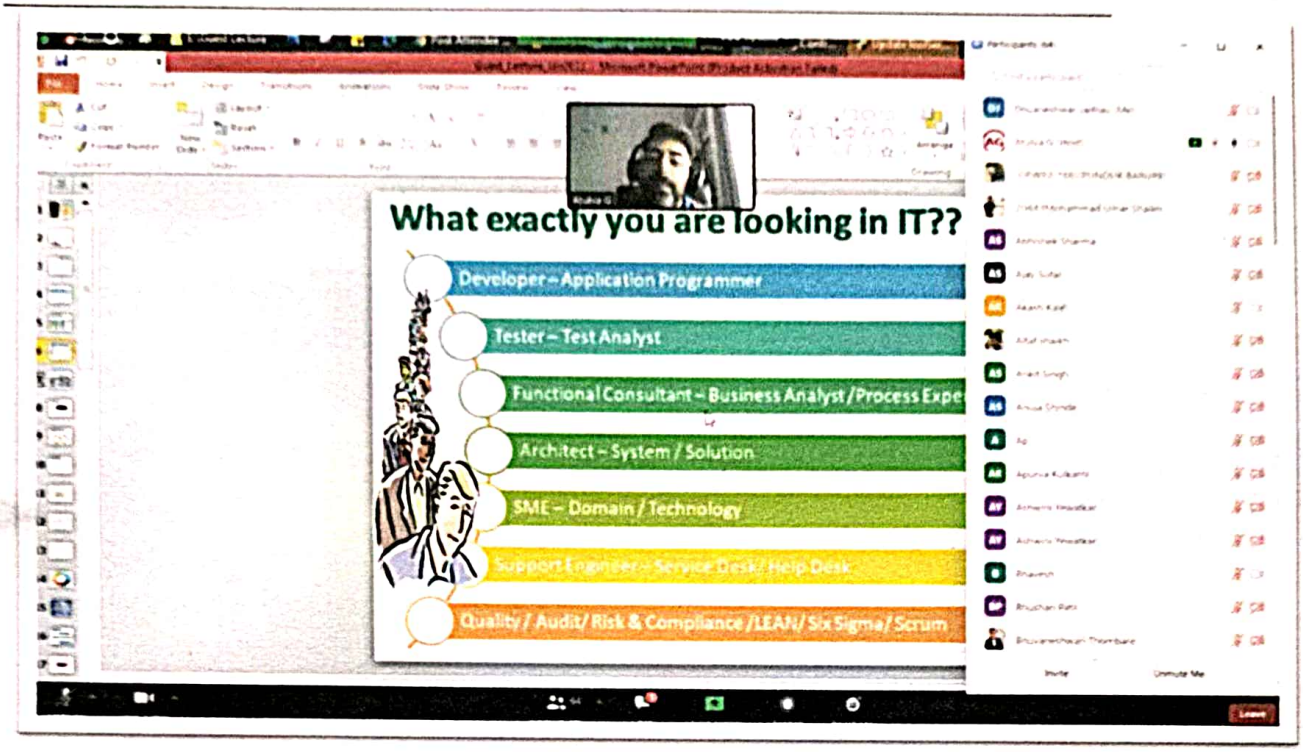
Siddhant Institute of Computer Application ★ Sudumbare, Pune-412109. ★
SEAL

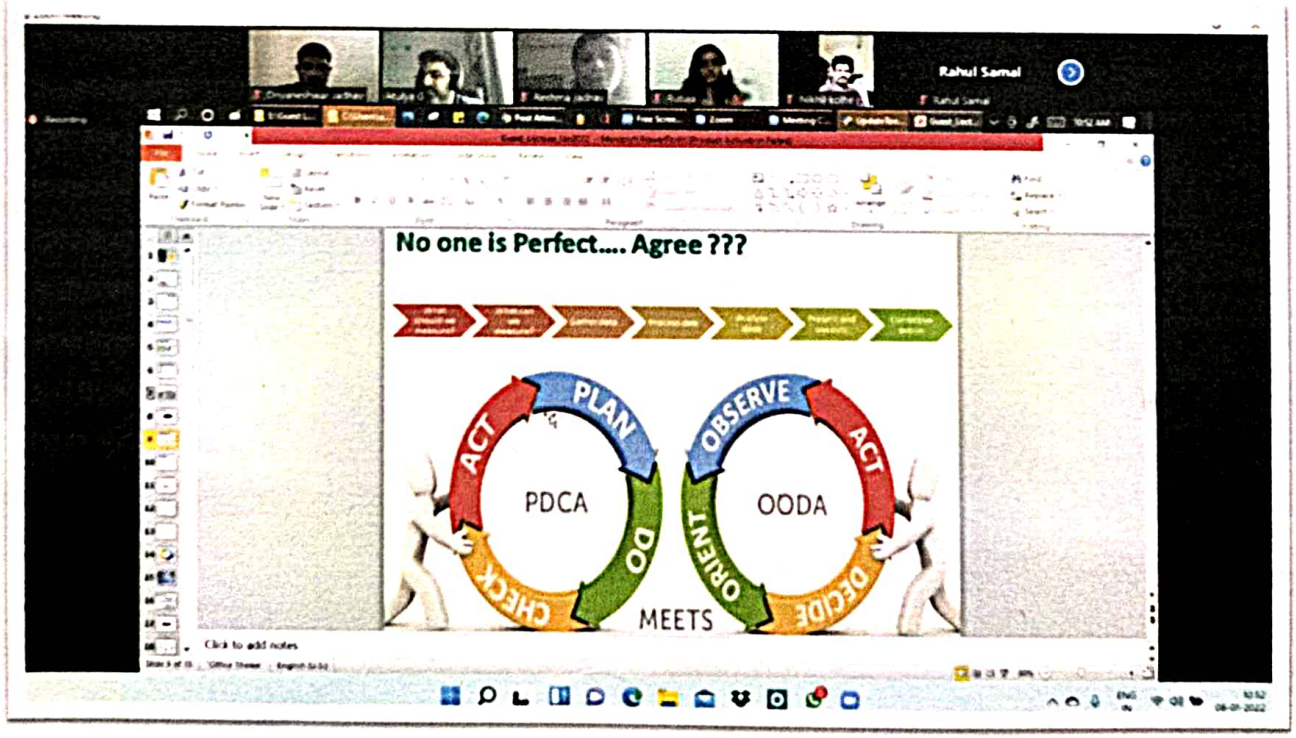
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email: siddhantica1@gmail.com Website: www.siddhantica.in





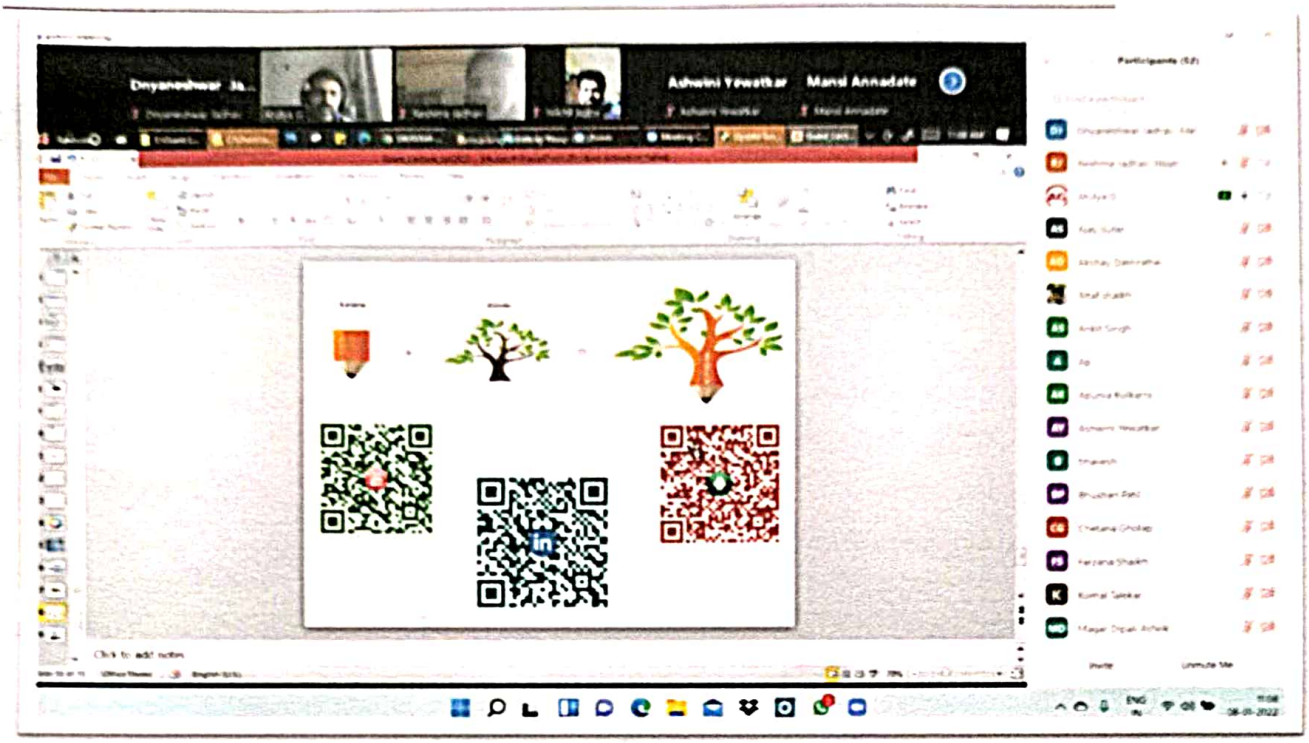
Siddhant Institute of Computer Application
SEAL

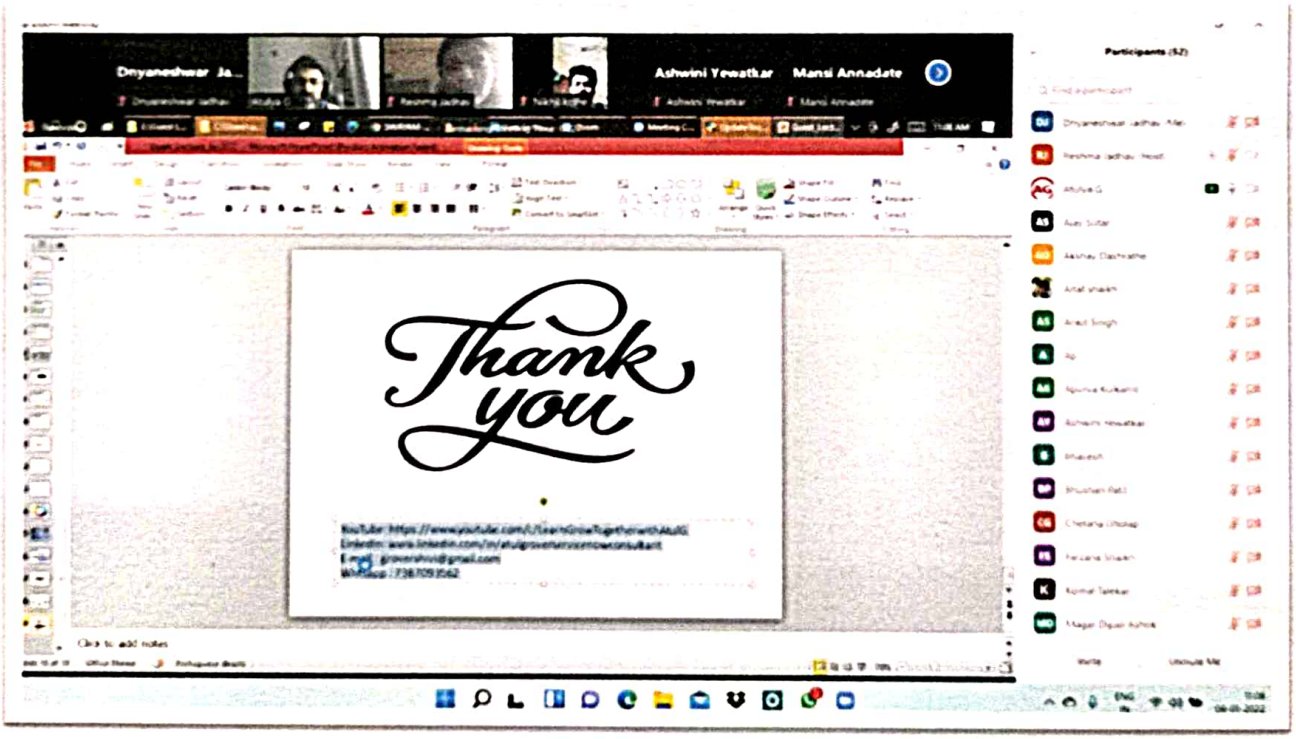
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email: siddhantica1@gmail.com Website: www.siddhantica.in





Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

Director
SICA

Director
Siddhant Institute of Computer Application
Sudumbare, Maval, Pune - 412109.

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in

GUEST LECTURE ON PERSONALITY DEVELOPMENT AND SOFT SKILL TRAINING

Date: 12 January2022

1. Expert Detail

Name: Harshad Bhagwat

Designation : Senior Soft Skills and Language Trainer

Organization:Skill -Mart

Total Experience: 13Years

2. Brief details of the event: The guest lecture was organized by the MCA department on 12 Jan 2022. Mr. Harshad Bhagwat presided over as the guest speaker and topic of her discussion was "Development and soft skills'' during which various parameters of job interviews were discussed.

3. Response of the audience/ learning for the students: It was nice learning experience for both students and faculty members and they thoroughly enjoyed the session. Speaker involved the students in various games making the session very interactive.

4. Faculty Coordinator Name: Mr.DJadhav

5. Number of participants (student : 60 & Faculty: 3)

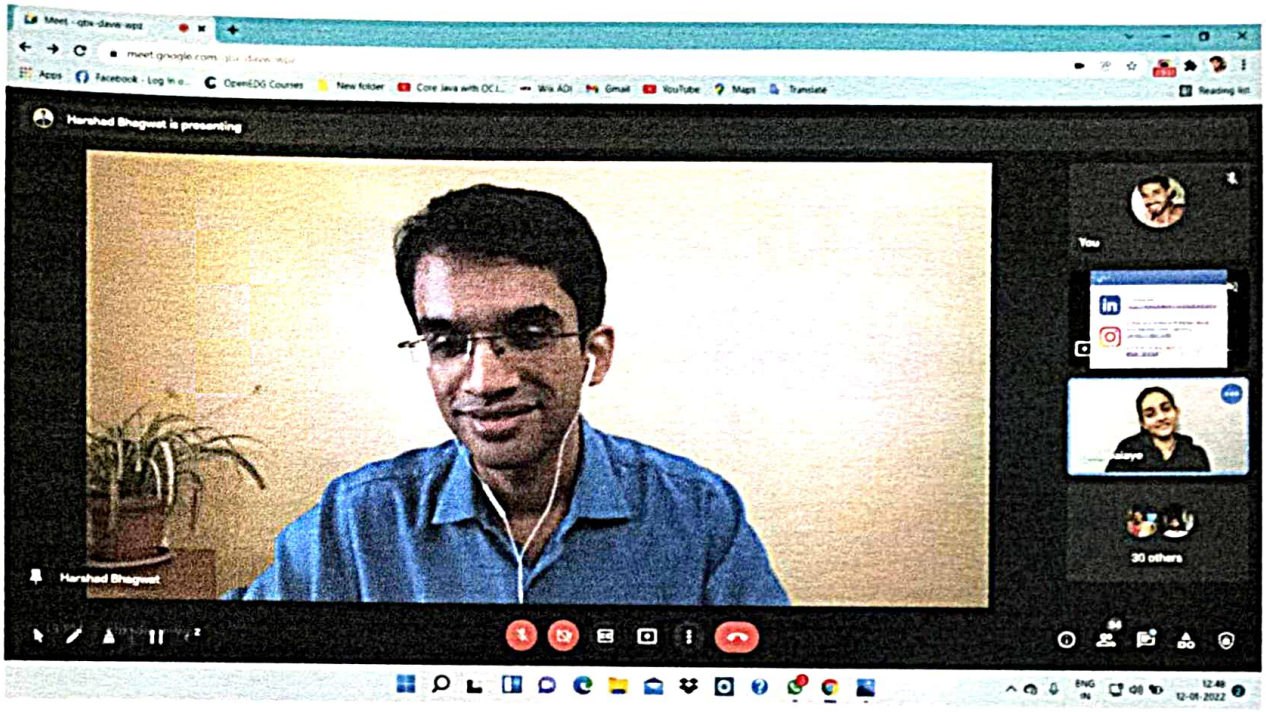
6. Learning Outcomes: The objective of lecture was to build self confidence, enhance self esteem and improve overall personality of the students. They were made aware on the importance of soft skills required to be a part of corporate structure.

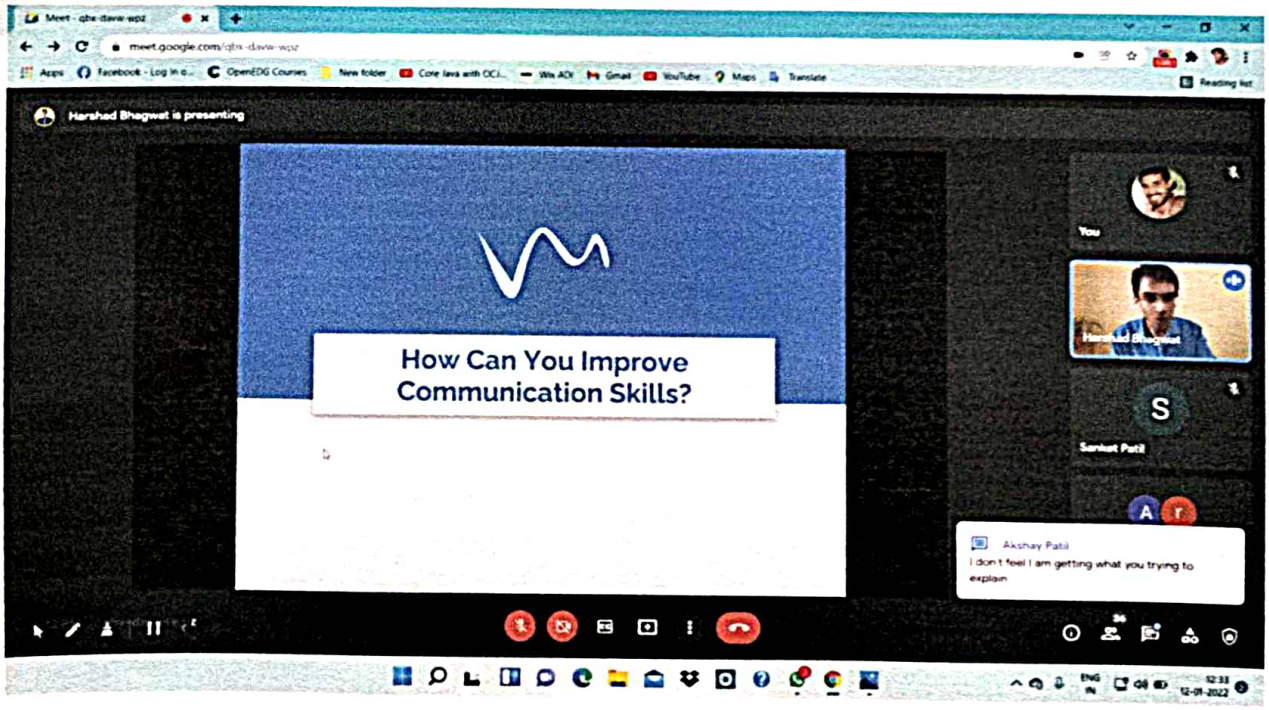
7. Expert Narration: The focus of the lecture was on improving the communication skills of the students in order to prepare them for job interviews. Various parameters like basic introduction, body language, positive attitude, interactive skills and the level of confidence were taken care of by the speaker. Numbers of fun activities were conducted during the session to engage the students to achieve the objective of the lecture-Personality Development.

Photo

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109

CAYM Education Trust's
SIDDHANT INSTITUTE OF COMPUTER APPLICATION
(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)
Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992
Email: siddhantica1@gmail.com Website: www.siddhantica.in





Siddhant Institute of Computer Application ★ Sudumbare, Pune-412109 ★
SEAL

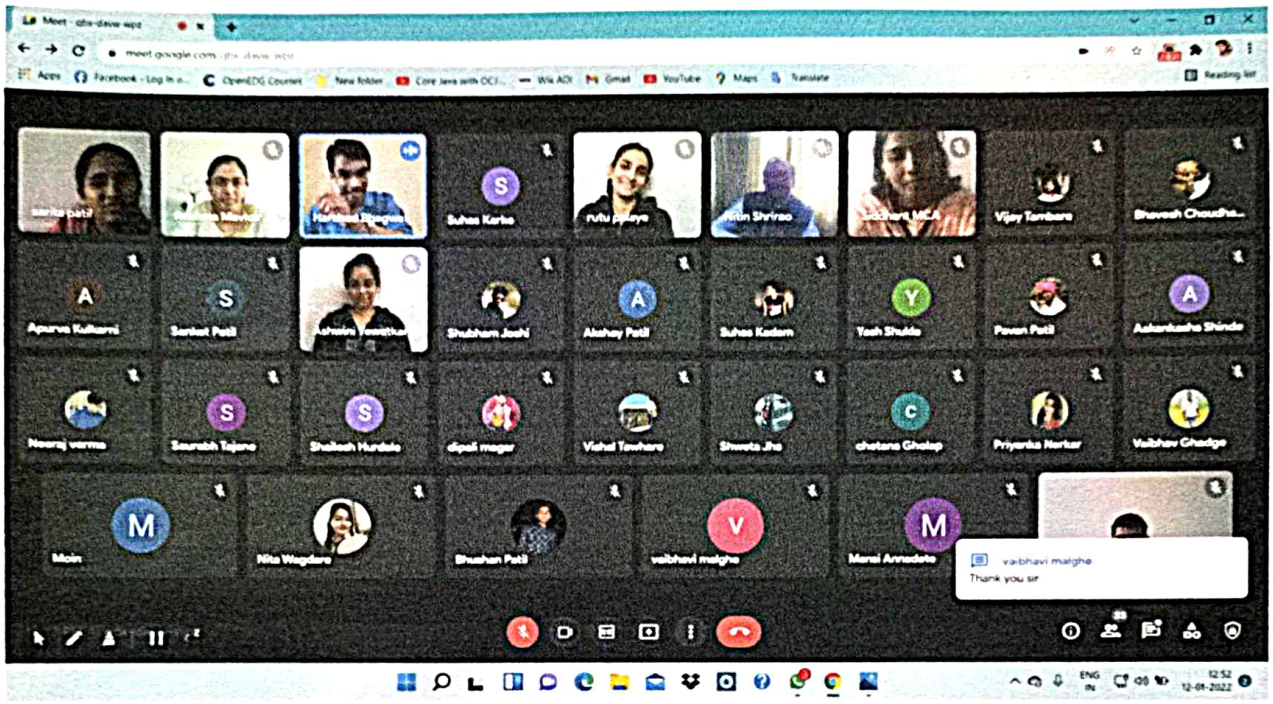
CAYM Education Trust's

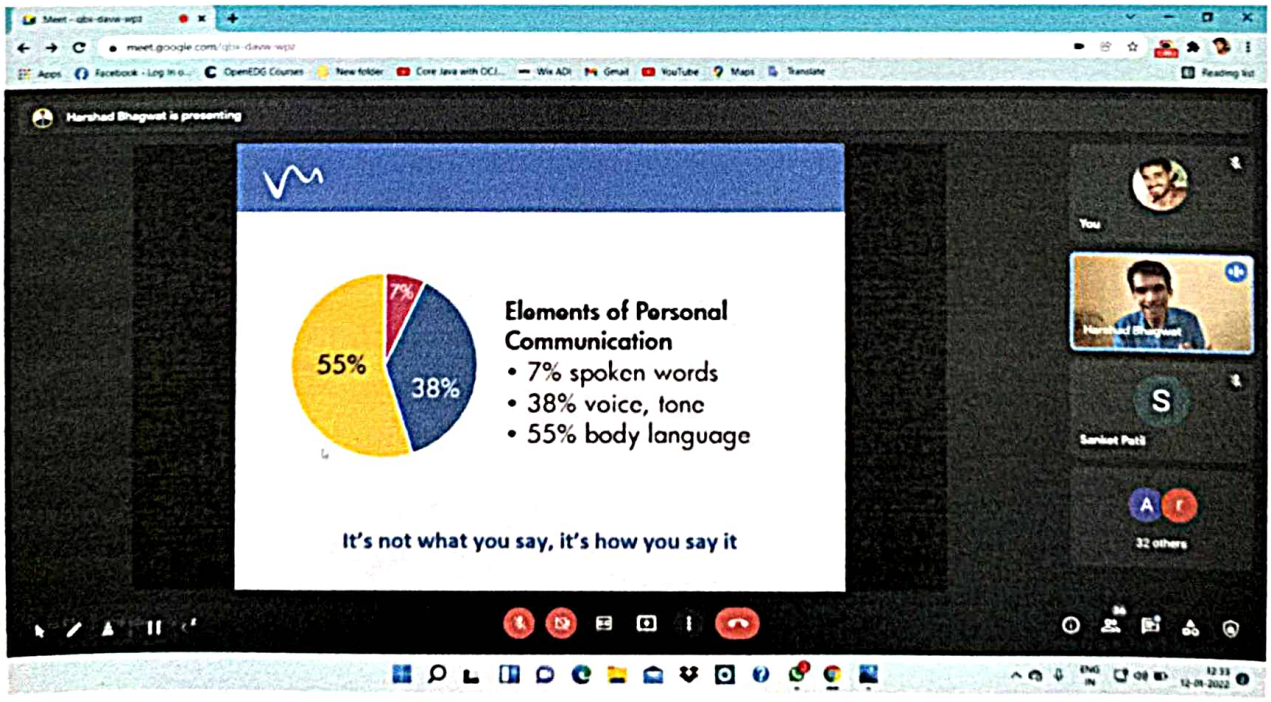
SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi,Goverment of Maharashtra Recognised Savitribai Phule Pune University)

Add:At post-Sudumbare,Tal-Maval,Dist-Pune-412109,Ph:02114-661992

Email: siddhantica1@gmail.com Website: www.siddhantica.in





Director
SICA

Director
Siddhant Institute of Computer Application
Sudumbare, Maval, Pune - 412109.

Siddhant Institute of Computer Application
SEAL
Sudumbare, Pune-412109