



PCET's
Pimpri Chinchwad College of Engineering and Research,
Ravet, Pune.

HACKER BYTE

DEPARTMENT OF COMPUTER ENGINEERING

2020-2021 | SEM II

TABLE OF CONTENTS

01	Principal's Desk	02	HOD's Desk
<hr/>		<hr/>	
03	Computer Department	04	Introduction to UI/UX
<hr/>		<hr/>	
05	Codeantha	06	Introduction to Computer Department
<hr/>		<hr/>	
07	Cyber Security	08	Data Science
<hr/>		<hr/>	
09	Importance of communication Skills	10	PBL Introduction
<hr/>		<hr/>	
11	Concurrent Programming	12	Data Structure in Machine Learning
<hr/>		<hr/>	
13	Step by Step Placement Guide	14	Guest Lecture on Selenium
<hr/>		<hr/>	
15	Guest Lecture on Python Programming	16	IoT Workshop
<hr/>		<hr/>	
17	Faculty Achievements	18	Photography
<hr/>		<hr/>	
19	Poetry	20	Magazine Committe
<hr/>		<hr/>	

MESSAGE

FROM THE PRINCIPAL'S DESK

India today stands as world's third largest economic power, its economy growing at around 8%, Indian Entrepreneurs emerging as global entrepreneurs, Indians figuring increasingly in the list of the richest persons in the world, India's knowledge power making India as a preferred destination for out sourcing knowledge services from India, India fast emerging as a destination for world class R&D Centers and Innovation hub.



Let you empower yourself with the Wings of Knowledge and Power of Innovation and with this Empowerment imbibe an attitude akin to a positive and proactive thinking, caring concern for men and nature and above all, an eagerness to serve and excel in our chosen domain of activity throughout your lifetime. Young friends, these are the signs of even a brighter tomorrow for India and its people.

You must, therefore, be highly excited to make your own contributions to the growth and development of India of your dream.

I wish you a very happy and academically highly rewarding student life in PCCOER and hope that you will be your good deeds enhance the pride and prestige of this prestigious institution.

Dr. H.U Tiwari

MESSAGE

FROM THE HOD'S DESK

The Department is committed towards imparting quality education and developing future technocrats in the stream of computers. It is focused towards its mission of facilitating students progress by providing strong foundation in fundamental concepts as well as inculcating core values of professionalism and ethics.



Our Aim is to:

- To improve the quality of students results.
- To inculcate the right Domain skills required in computer engineering.
- To create passionate students heading towards self actualization.
- To promote creative problem solving related to societal needs.

The Department is pillared by the qualified and experienced faculty; and backed by the student centered teaching learning processes. The department presents them with plenty of opportunities for applying their acquired knowledge and critical thinking skills thus striving to bridge the theory practice divide.

Dr. Archana Chaugule

Computer Department

OUR VISION

To strive for excellence in the field of Computer Engineering and Research through Creative Problem Solving related to societal needs.

OUR MISSION

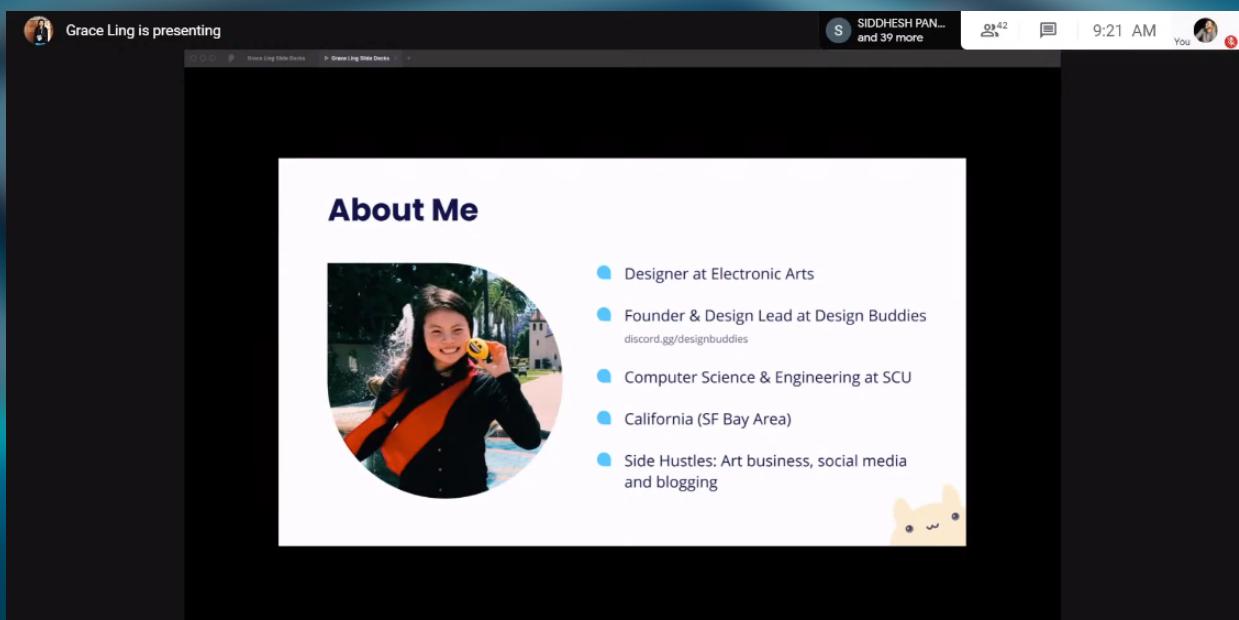
- Establish strong fundamentals, domain knowledge and skills among the students with analytical thinking, conceptual knowledge, social awareness and expertise in the latest tools & technologies to serve industrial demands
- Establish leadership skills, team spirit and high ethical values among the students to serve industrial demands and societal needs.
- Guide students towards Research and Development, and a willingness to learn by connecting themselves to the global society

Introduction to UI/UX & Preparing for Internship

TALK BY : GRACE LING

DATE : 18/1/2021

PARTICIPANTS : SE | TE | BE



A one-day coding competition, CodeAntha was conducted on 30th January 2021 for all enthusiastic coders. The platform for conducting the event was HackerRank.

In the competition, 12 questions of various difficulty level were curated by the team. Every participant was provided with certificates. Prize money of ₹2100 and ₹1100 was awarded to the 1st and 2nd winner respectively.

Around 194 students participated in the competition.

Hackerrank- Codeantha Coding Competition

ORGANIZED BY : PCCOER C-CUBE

DATE : 30/1/2021

PARTICIPANTS : 194 ACROSS COLLEGES

The screenshot shows the Hackerrank contest landing page for 'C-Cube CodeAnthra'. At the top left is the HackerRank logo. To its right are navigation links: About, Prizes, Rules, Scoring, and a prominent green 'Enter Contest' button. Below these links is a banner with the competition name 'C-Cube CodeAnthra' and the tagline '--Hone-Up Your Coding--'. Underneath the banner, the contest details are listed: 'Jan 30 2021, 12:00 am IST to Jan 31 2021, 12:00 am IST'. Another green 'Enter Contest' button is located here. The background of the page features a dark, binary-coded pattern.

[About](#)

PCCOER C-Cube Brings You CodeAnthra

A Coding Challenge Series To Brush Up Your Coding/Programming Skills With 12 Questions

Practice Your Coding Skills and improve your Problem solving ability.

Stay Home, Code & Stay Safe!

"Code is like humor. When you have to explain it, it's bad." - Cory House

A one-day coding competition, CodeAnthra was conducted on 30th January 2021 for all enthusiastic coders. The platform for conducting the event was HackerRank.

In the competition, 12 questions of various difficulty level were curated by the team. Every participant was provided with certificates. Prize money of ₹2100 and ₹1100 was awarded to the 1st and 2nd winner respectively.

Around 194 students participated in the competition.

Hackerrank- Codeantha Coding Competition

Manage Contests > C-Cube CodeAntha

C-Cube CodeAntha

www.hackerrank.com/c-cube-codeantha

Details	Challenges	Advanced Settings	Moderators	Notifications	Signups	Statistics
---------	------------	-------------------	------------	---------------	---------	-------------------

Signup Count: 194
Total Cumulative Signups: 198 (includes signups after the end of the contest)
Login Count: 112
Login Conversion Rate: 57.73 %
Number of Users Who Submitted Code: 69

[View all contest submissions](#)

All Contests > C-Cube CodeAntha

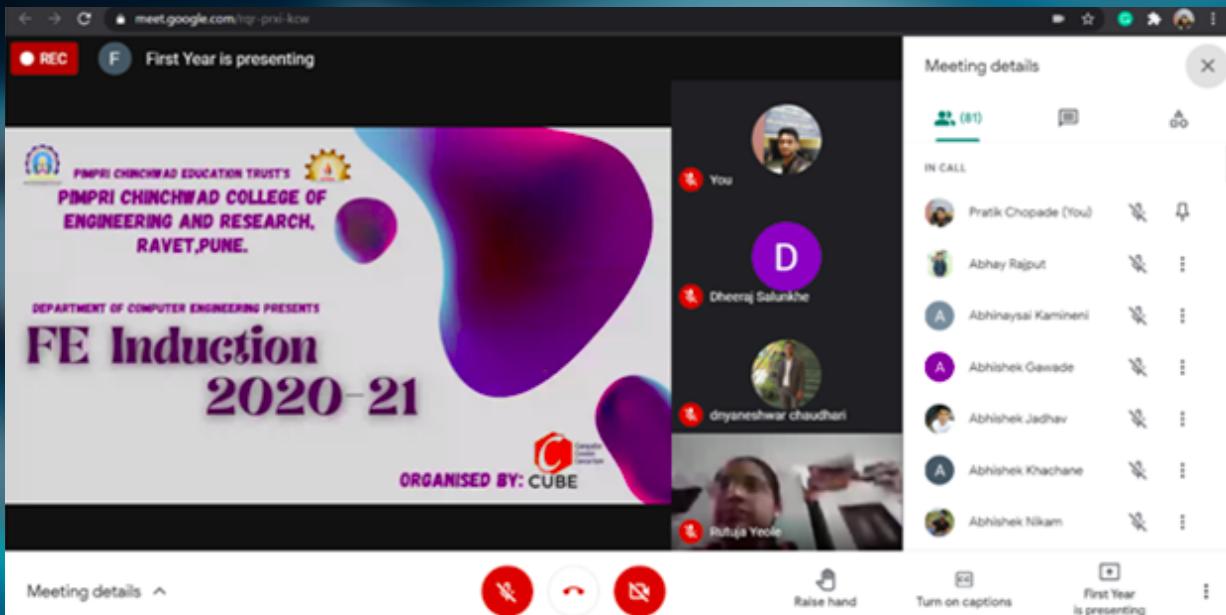
Leaderboard

All Friends Filter by Select filter Type username to compare Compare

Rank	User	Score	Time	Country
1	adarsh_malviya22	1900.00	37:16:41	
1	avishkarhande	1900.00	220:29:02	
3	edusanketdk	1850.00	121:35:20	
4	npatil2592000	1730.00	163:07:18	
5	adityasonani	1725.00	123:41:35	
5	onkarsawant5613	1725.00	136:58:31	
7	[deleted]	1700.00	212:52:15	[?]
8	mrunalpawshe4188	1675.00	203:31:19	

Introduction to Computer Department

ORGANIZED BY : PCCOER C-CUBE
DATE : 31/01/2021
PARTICIPANTS : FE



In the event, H.O.D. Dr. Archana Chaugule ma'am, welcomed the new students and introduced the Computer Department by presenting all the placement statistics and results of the past years. The introduction to the Computer Department was followed by a session from Mr. Yadnesh Phadke, who guided us about the skills required in the industry and available opportunities in Software Industry. Followed by this session, was the introduction to all the department clubs – ACM PCCOER, Student Chapter and C-cube. The introduction to both the departments was delivered by students, which was followed by a session about 'Important things to remember for Campus Placement Eligibility' by our alumni, Mrunal Tamhane.

Introduction to Computer Department

A screenshot of a Google Meet interface. At the top left, there's a red 'REC' button and a status message 'Archana Chaugule Is presenting'. The main content area displays a 'Departmental Organization Chart' slide. The chart shows a hierarchy starting from the Head of Department (HOD) at the top, followed by Academic Advisor, Class Teachers, Subject Teachers of Comp. class, Mentors, and Members of Comp. class. To the right of the slide is a video feed of a participant named 'Rutuja Yode'. Below the slide is a list of participants in the meeting, including Pratik Chopade (You), Abduttayyeb Rampuram, Abduttayyeb Rampuram, Abhay Rajput, Abhinayai Kamineni, Abhishek Gavade, and Abhishek Jadhav. On the bottom right, there are controls for 'Raise hand', 'Turn on captions', and a message 'Archana Chaugule is presenting'.

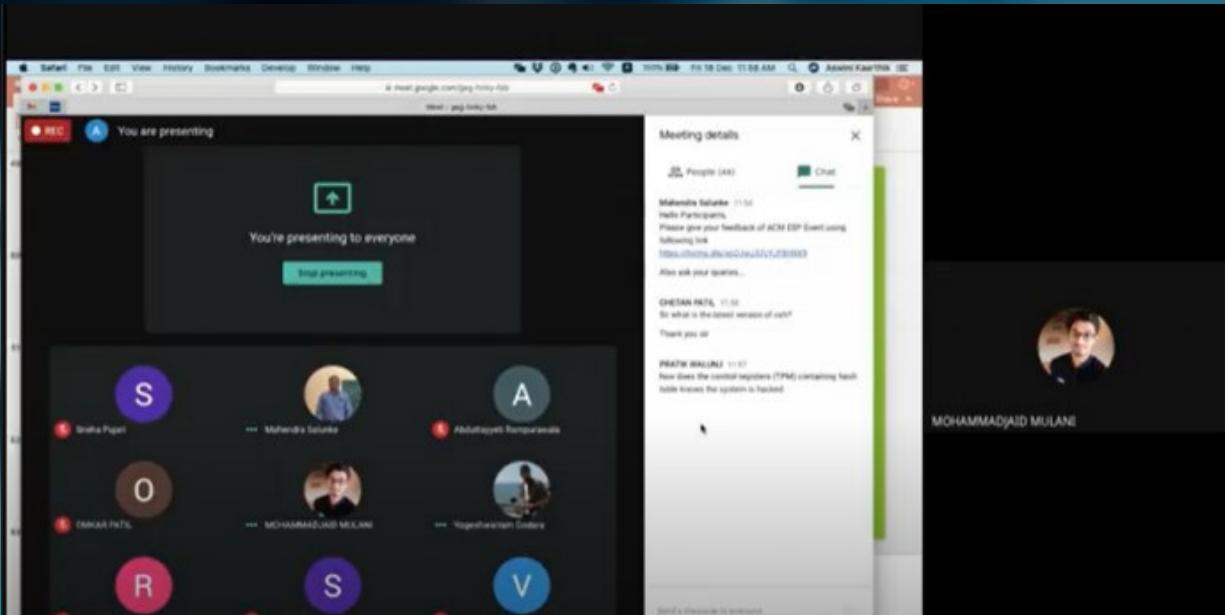
A screenshot of a Google Meet interface. At the top left, there's a red 'REC' button and a status message 'Yadnesh Phadke Is presenting'. The main content area displays an 'Agenda' slide with the following points: Introduction, Current industry landscape, Future, and How to 'be prepared'. A message at the bottom left indicates 'Rajat Deore has left the meeting'. The video feed on the right shows a participant named 'Yadnesh Phadke'. Below the video feed is a list of participants in the meeting, including Nandita Nikam, Ritika Bhole, Archana Chaugule, and Krutika Rajput. On the bottom right, there are controls for 'Raise hand', 'Turn on captions', and a message 'Yadnesh Phadke is presenting'.

Cyber Security-Hackersera

ORGANIZED BY :

DATE : 02/02/2021

PARTICIPANTS : SE/TE/BE



Guest Speaker : Mr. Kaarthik Sivakumar

Objectives of the Event:

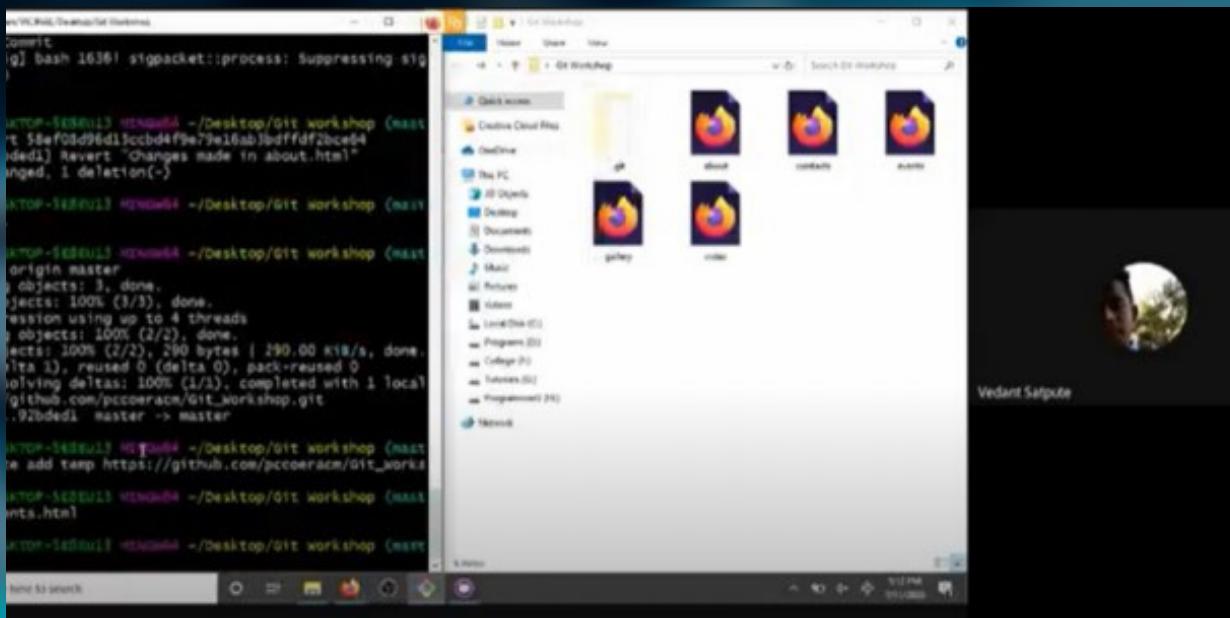
- a. **Significance of Security & Trust by looking at recent cyber-attacks.**
- b. **How to detect that your device has been tampered?**
- c. **How to trust your device & your network?**
- d. **How to build a model & create method to establish trust in a device?**
- e. **Establish Trust & verify the integrity of a device & the network.**

Data Science

ORGANIZED BY :

DATE : 03/02/2021

PARTICIPANTS : SE/TE/BE



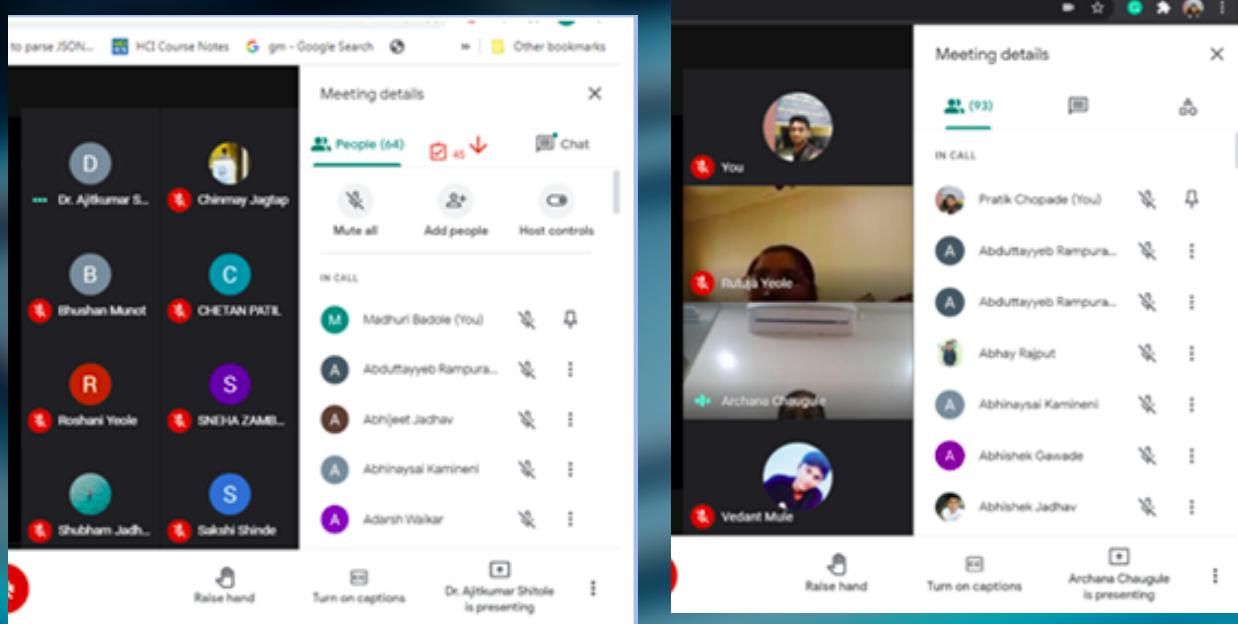
In the event, H.O.D. Dr. Archana Chaugule ma'am, welcomed the new students and introduced the Computer Department by presenting all the placement statistics and results of the past years. The introduction to the Computer Department was followed by a session from Mr. Yadnesh Phadke, who guided us about the skills required in the industry and available opportunities in Software Industry. Followed by this session, was the introduction to all the department clubs – ACM PCCOER, Student Chapter and C-cube. The introduction to both the departments was delivered by students, which was followed by a session about 'Important things to remember for Campus Placement Eligibility' by our alumni, Mrunal Tamhane.

Importance of Communication Skills and How To Enhance It

ORGANIZED BY :

DATE : 04/02/2021

PARTICIPANTS : SE/TE/BE



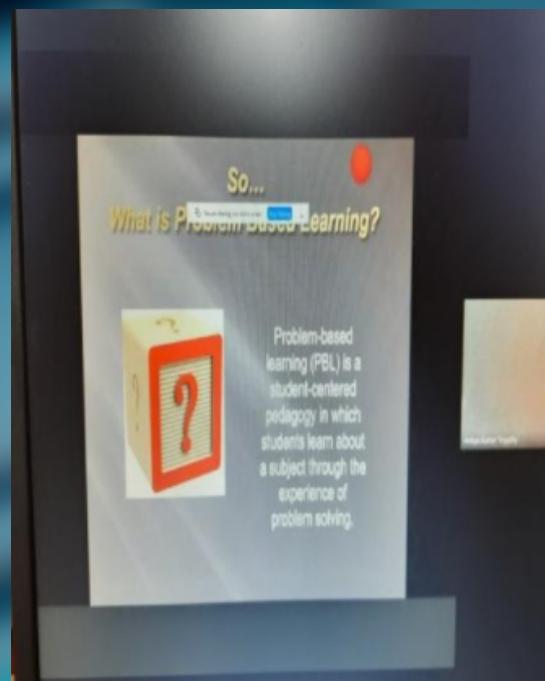
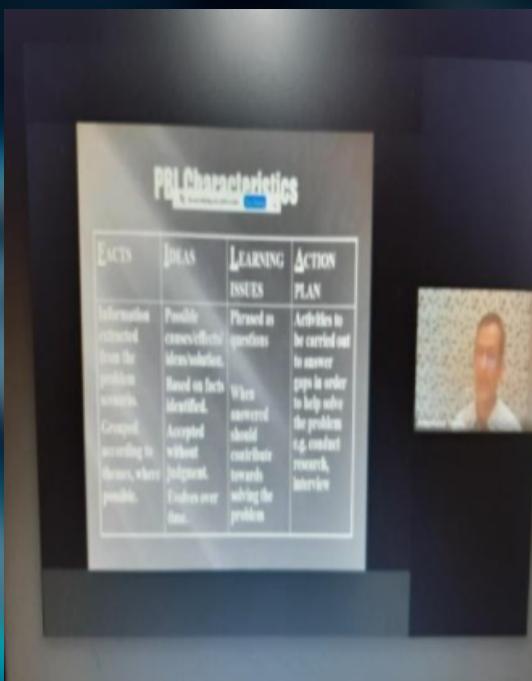
In the event, H.O.D. Dr. Archana Chaugule ma'am, welcomed the new students and introduced the Computer Department by presenting all the placement statistics and results of the past years. The introduction to the Computer Department was followed by a session from Mr. Yadnesh Phadke, who guided us about the skills required in the industry and available opportunities in Software Industry. Followed by this session, was the introduction to all the department clubs – ACM PCCOER, Student Chapter and C-cube. The introduction to both the departments was delivered by students, which was followed by a session about 'Important things to remember for Campus Placement Eligibility' by our alumni, Mrunal Tamhane.

Problems & Solution to the PBL

ORGANIZED BY : COMPUTER ENGG. DEPARTMENT

DATE : 05/02/2021

PARTICIPANTS : SE



Guest Speaker : Dr.Amiya Kumar Tripathi, Adjunct Professor (Computer Engineering) From PCCOER, Ravet.

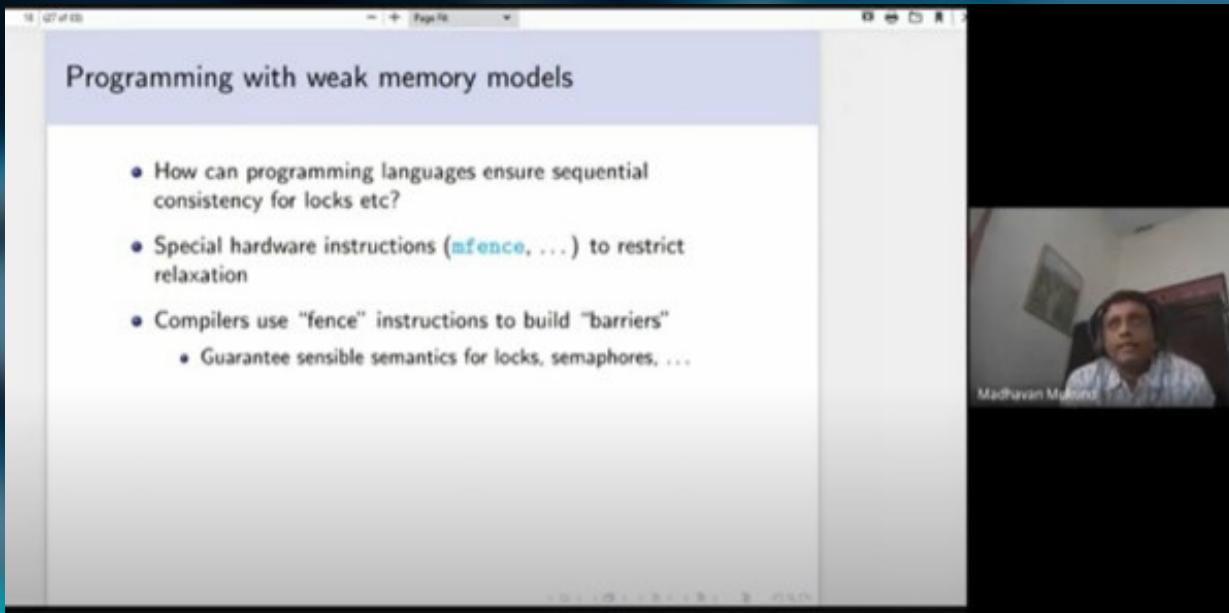
The objective of this webinar is to aware students about latest trends in IT & preparing students for PBL problem statements. It also help students to identify PBL statement and motivate to find solutions for real time problems.

Concurrent Programming: Old Problems, New Challenges

ORGANIZED BY :

DATE : 13/02/2021

PARTICIPANTS : SE/TE/BE



Guest Speaker: Mr. Madhav Mukund

Objectives of the Event:

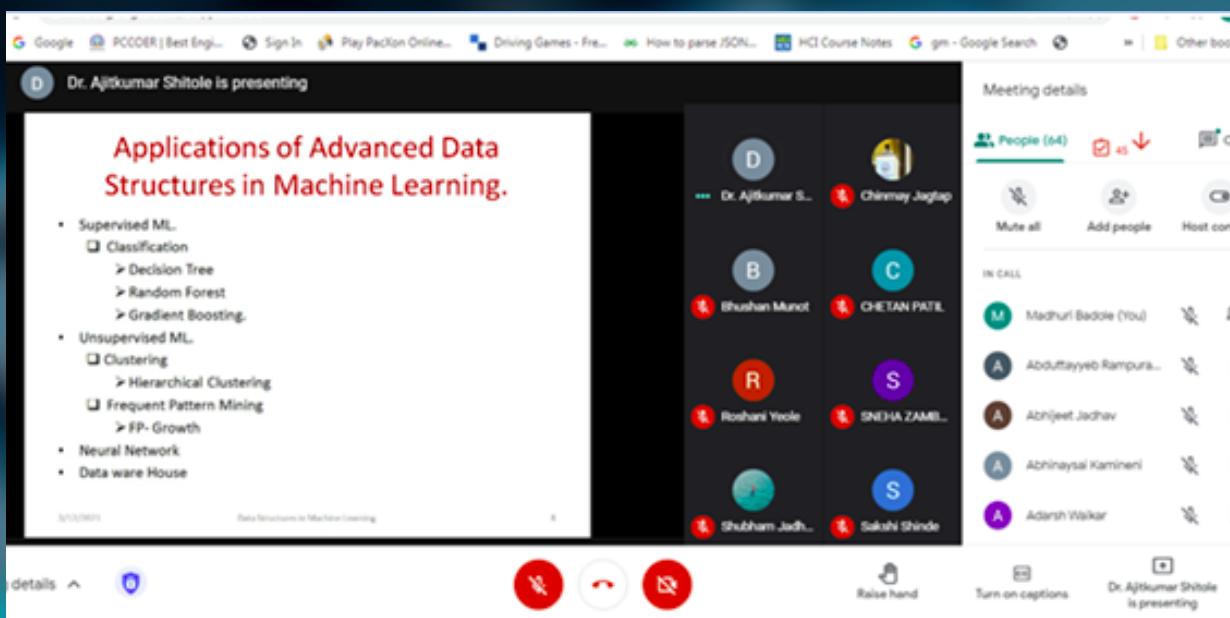
- **To introduce students to concurrent programming**
- **To provide the basic difference between concurrent programming and parallel programming**
- **To show real world applications of concurrent programming**

Data Structure in Machine Learning

ORGANIZED BY : MRS. MADHURI H. BADOLE

DATE : 12/03/2021

PARTICIPANTS : SE



Guest Speaker : Dr. Ajitkumar Shitole

The event was organized for SE, TE and BE computer Students so that :

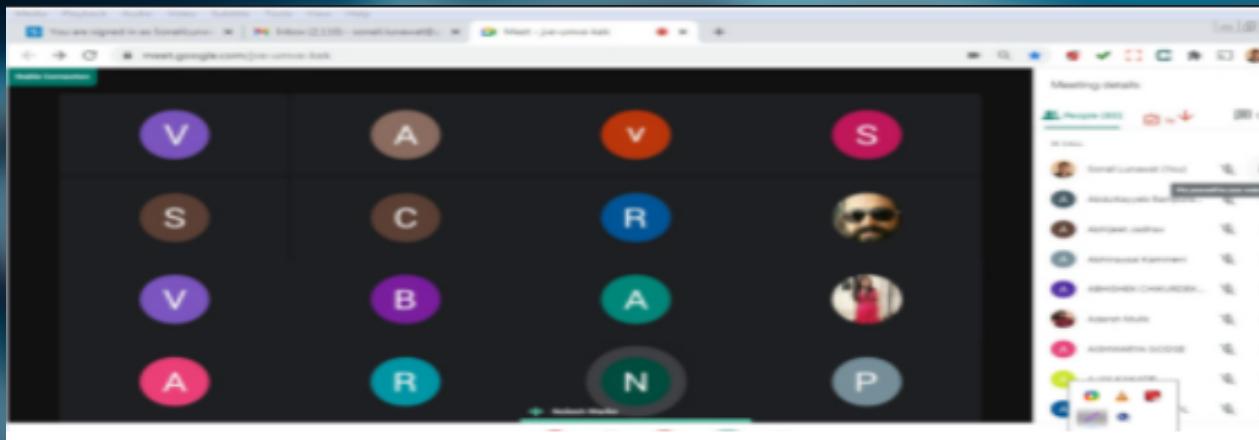
- To provide the knowledge of Machine Learning using Python as Python programming is intended for software engineers, system analysts, program managers.**

A Step by Step guidance for placement preparation

ORGANIZED BY : MRS. SONALI LUNAWAT

DATE : 13/03/2021

PARTICIPANTS : SE/TE/BE



Guest Speaker : Mr. NoleshWarke,Capgemini.

The event was organized for SE, TE and BE computer Students so that :

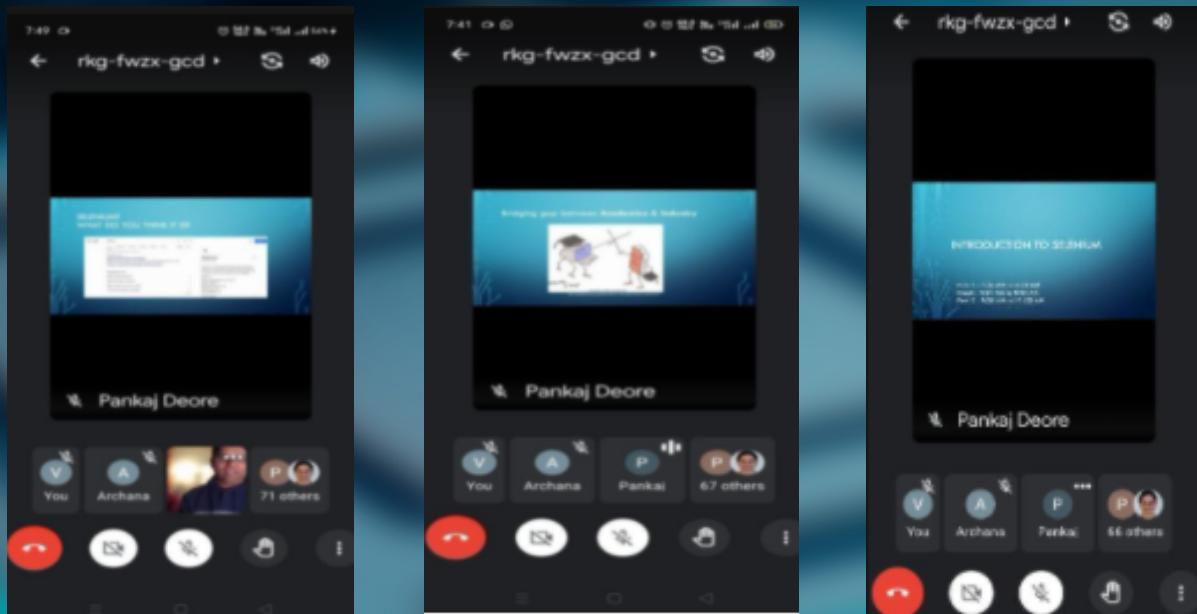
- 1. They will understand process of placements and how to prepare for it.**
- 2. They will understand tricks and tips while attempting their drive**

Expert Session On SELENIUM

ORGANIZED BY : MRS.VAISHALI LATKE

DATE : 20/03/2021

PARTICIPANTS : SE/TE



Objectives of the Event :

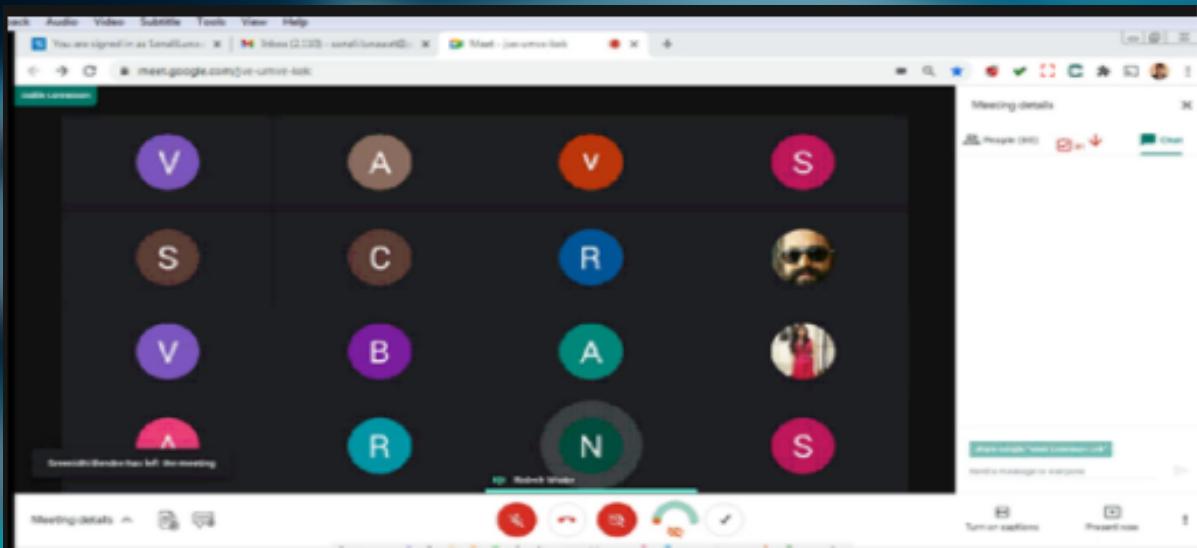
- To understand and analyze the tools of software testing
- To understand and analyze automation testing using Selenium.
- To understand and analyze the gap between academic and industry.
- To know the use of modern tool in real life application to solve the real life problems.

Expert Session On Python Programming

ORGANIZED BY : MRS. SONALI LUNAWAT

DATE : 28/03/2021

PARTICIPANTS : SE/TE/BE



Guest Speaker : Mr. NoleshWarke, Capgemini.

The event was organized for SE, TE and BE all PCET students

- 1. They will basics of python with preparing themselves for INFYQT**

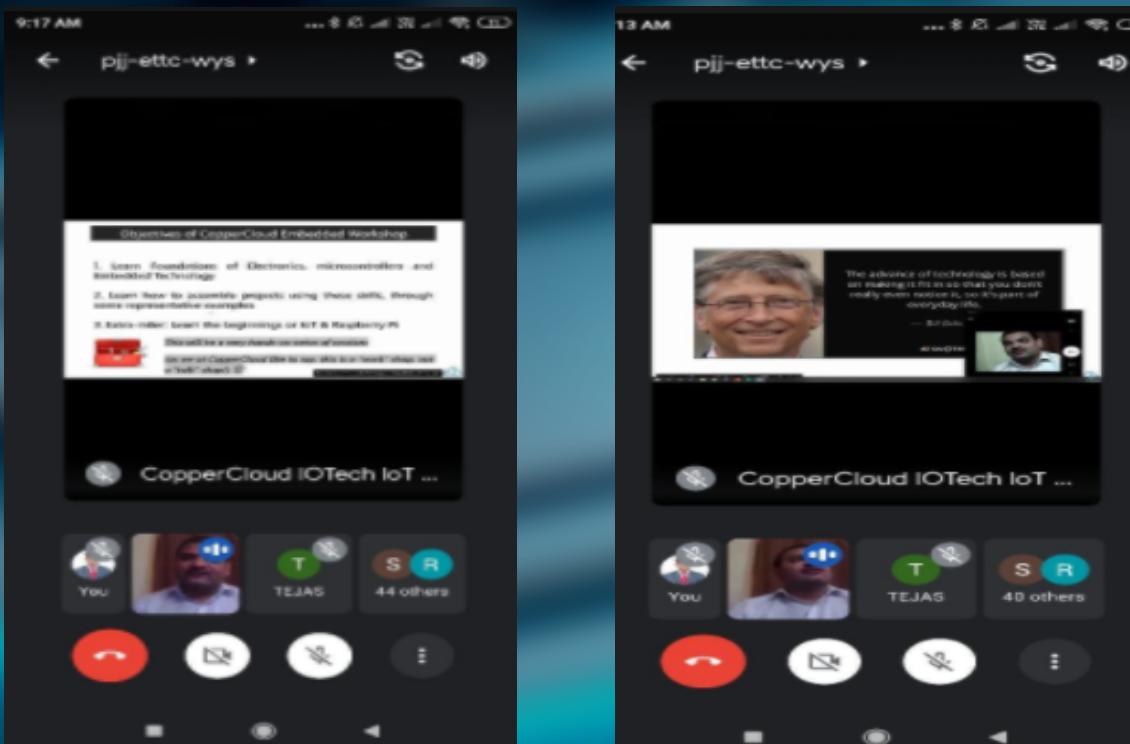
- 2. They will understand tricks and tips solving programming questions.**

IoT Workshop

ORGANIZED BY : COMPUTER ENGG. DEPARTMENT

DATE : 08-10/05/2021

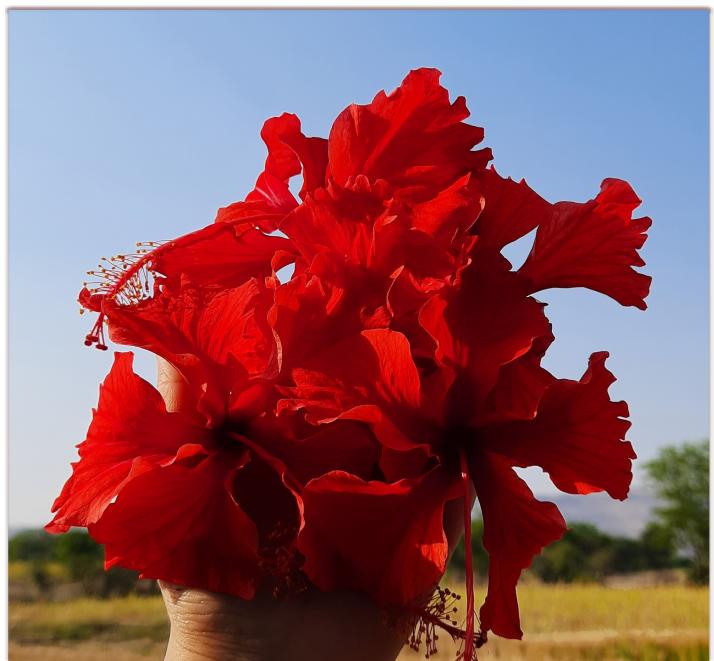
PARTICIPANTS : SE



Guest Speaker : Mr. Abhijeet Devgirikar

One of the key objectives of this workshop is to cover the concepts and develop the hands-on skills that Student will need to execute the Embedded/IoT projects that you have picked (ESIOT). Speaker promise to students that after this workshop, students shall have all the knowledge and practical skills needed (and also a lot of re-usable code) to complete these projects. Speaker have dedicated some time in this workshop to go over representative examples of each kind of project in this list.

PHOTOGRAPHY



PHOTOGRAPHY



POETRY

THE RIDE

I don't know where this ride is taking
me

I don't know when to let go
All I know is I am in a journey
Where I am going with the flow

I chase my dreams and I wanna grow
I try to be something that I don't know

I look for people I can't find
I sometimes trust my heart rather than
my mind

I bet on things that cannot be won
I learn to fly before I can even run

I make fire on what cannot be burned
I teach things that cannot be learned

I don't know where this ride is taking
me

I don't know when to let go
All I know is I am in a journey
Where I am going with the flow

- Aditya Suhas Patil

Credits - Samruddhi Bhosle



POETRY

I SAW BIRDALITY

Yesterday afternoon was quite warm.
Feeling awkward I went over the veranda.

Gazing massive trees of banyan and tamarind,
captured my attention by chirping charm.

Two feet besides me, quarrelling sparrows.
Two feel upside down,
one sat upon them, the owner of a clown.
Slowly I stepped to make him afraid.
Wooh..I won, he went to the corner of my
house.

But, other two's wings struck among.
I went to help, they got terribly afraid.

Suddenly came clown owner ,
pushed them apart and liberated them.
All went flying upon my house.

Universal lesson they gave for all.
Astonished by this save, birdality I found.

-Abhijeet Ramdas Jadhav



Credits - Chinmay Jagtap

Magazine Committee

FACULTY COORDINATOR:

Minal Bodke

CHIEF EDITOR

Chinmay Jagtap

MEET THE TEAM

Pratik Chopade
Ved Deore
Virendra Nimbalkar
Vaishnavi Chinchrekar
Siddhesh Ukirde
Anuj Walghude
Vedant Mule

Sneha Pujari
Jui Pangare
Shubhodiya Ghosh
Shovin Kaul
Vibha Rao
Manvi Gawande
Neeraj Kulkarni
Sanshkruti Narlawar

Sreenidhi Bendre
Abduttayyeb Rampurawala
Shruti Jadhav
Shivam Barke
Pakshita Khidbide
Abhay Rajput
Rushali Gopnarayan