



Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

### **3.2.2 Number of workshops/seminars/onference including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years**

AY	2022-23	2021-22	2020-21	2019-20	2018-19
Count	33	42	38	79	14

**Mahatma Education Society's**

**Pillai HOC College of Engineering and Technology, Rasayani**

**Webinar on “Health Assessment of Existing Nuclear Fuel Cycle Facilities”**

Department: Civil Engineering

Date: 20<sup>th</sup> August 2022

Coordinator: Ms. Apurva Deshpande

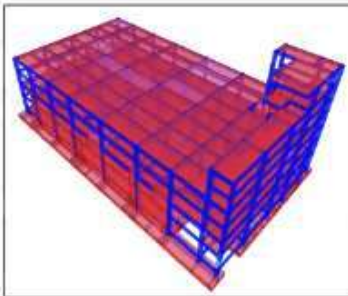
Department of Civil Engineering, Pillai HOC College of Engineering and Technology organizes webinar on “Health Assessment of Existing Nuclear Fuel Cycle Facilities” on 20th August 2022. An eminent speaker for the program was Dr. Dauji Saha, Scientific officer, Bhabha Atomic Research Centre, Mumbai. The session started with opening notes and welcoming of guests by the program coordinator. Resource person explained the about the necessity of the health assessment of existing structures, various tests to be conducted on the structure to check its health. Resource person also what are the different programs is organised by BARC, Mumbai. He also shared information regarding the selection criteria in BARC. Question answer session was held towards the end of the session. 38 participants were registered for the orientation. The session was conducted by eminent speaker through ZOOM platform. Participants provided their feedback through the link shared with them. Certificate was awarded to all participants who attended the sessions and gave feedback.



## Plan of Presentation

- ✓ Introduction
- ✓ Why seismic evaluation of existing nuclear fuel cycle facilities
- ✓ Applicable codes and standards
- ✓ Strategy for requalification / retrofitting
- ✓ Structure and loads
- ✓ Re-analysis results
- ✓ Typical retrofitting / requalification schemes
  - Columns with steel bracings
  - Beams re-assessed with seismic hinges
  - Slabs with administrative measures
- ✓ Advanced Non-destructive Testing Methods
- ✓ Summary
- ✓ References

## Structure and Loads



### STRUCTURE

- ✓ Plan dimensions: 27 m X 37 m;
- ✓ Height: 12 m in main; water tank top 22 m;
- ✓ RCC frame and thick concrete walls;
- ✓ Geometric asymmetry with overhead water tank towards a corner;
- ✓ Foundation: central raft and peripheral strip footings;
- ✓ Grade of concrete:
  - Design: M25 ( $f_{ck} = 25$  Mpa);
  - From NDT:  $f_{ck} = 29.34$  Mpa;
- ✓ Grade of steel: Fe 415;

### LOADS

- ✓ Dead loads
- ✓ Superimposed dead loads (equipment, service)
- ✓ Live loads
- ✓ Seismic loads

Design vs. Actual

**Mahatma Education Society's**

**Pillai HOC College of Engineering and Technology, Rasayani**

**Webinar on “Climate Change – A Concern for Mumbai”**

Department: Civil Engineering

Date: 20<sup>th</sup> August 2022

Coordinator: Ms. Apurva Deshpande

Department of Civil Engineering, Pillai HOC College of Engineering and Technology organizes webinar on “Climate Change – A Concern for Mumbai” on 20th August 2022. An eminent speaker for the program was Mr. Sudipta Chakraborti, Infrastructural Consultant, Mumbai. The session started with opening notes and welcoming of guests by the program coordinator. Resource person explained in detailed adverse effect of climate change on Mumbai. He also explained what precursory measures to be taken to avoid adverse effect on Mumbai region. Question answer session was held towards the end of the session. 38 participants were registered for the orientation. The session was conducted by eminent speaker through ZOOM platform. Participants provided their feedback through the link shared with them. Certificate was awarded to all participants who attended the sessions and gave feedback.







Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

Expert Lecture on "New Generation of Concrete Technology"

Department : Civil Engineering

Coordinator(s): Dr. G.R. Patil, Mr. Prashant Singh

Date: 16<sup>th</sup> September 2022

Department of Civil Engineering, Pillai HOC College of Engineering and Technology organized an Expert Lecture on "New Generation of Concrete Technologies" on 16<sup>th</sup> September 2022. The eminent speaker for the program was Dr. Hemant B. Dhonde, PhD Director (C-Probe Technologies) & Principal Counselors (.edu) Adjunct Professor (Govt. College of Engg., Pune). The session started with opening notes and welcoming of guests by the student coordinators. Resource persons explained about the Materials, Mechanisms (Nano-To- Meso) & Structural performance. He also gave the knowledge about current trends in Concrete Technologies such as ultra-high strength concrete and use of maturity meter in while constructing using concrete. The Program was held in Conclave-I, in which 43 students of third year Civil Engineering department attended the seminar (Expert lecture).

MAHATMA EDUCATION SOCIETY'S  
**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY**  
DEPARTMENT OF CIVIL ENGINEERING

ASTR  
Association of Structural Rehabilitation  
(Reg.No. 1216)

IIRS  
INSTITUTION'S INNOVATION COUNCIL  
(Ministry of HRD initiative)

Expert Lecture On  
**New Generation of Concrete Technology**

Topics to be Covered:  
(i) Concrete Maturity and Its Measurement  
(ii) Ultra High-performance Concrete  
(iii) Multi-Functional Concrete

Date:-16th Sept 2022 Time:-11.00 AM Venue:- Conclave I

Speaker  
Dr. Hemant B. Dhonde  
Ph.D. (Structural Engg., United States of America),  
Founder\Director: C-Probe Technologies LLP, Pune

Faculty Coordinator  
Mr. Prashant R. Singh  
Assistant Professor, Civil

Convener  
Dr. G. R. Patil  
Associate Professor, Civil

HoD, Civil  
Mr. Raju N. Narwade  
PHCET, Rasayani

Principal  
Dr. J. W. Bakal  
PHCET, Rasayani

Flyer of the Event



Felicitation of Dr. Hemant B. Dhonde by HoD of Civil Engineering Mr. Raju N. Narwade







Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

**Report on “ETHNOTECH - IIOP”**

<b>Date</b>	22 <sup>nd</sup> August 2022, 12 : 00 PM
<b>Venue</b>	9 <sup>th</sup> Floor Auditorium
<b>Speaker</b>	Dr. Rajendra Kumar Pillai, Ms.Saloni Gosaliya
<b>Co-ordinator</b>	Ms. Shrutika Khobragade

There has been a noticeable trend in India since the 2000s where an increasing number of students are choosing to pursue their higher education in international destinations, such as the US, UK, Canada, Australia, and Europe. This trend is driven by a variety of factors, including the desire for global exposure, access to quality education and research facilities, and the hope of better career prospects and job opportunities.

Around 300 Students from our institute have participated in this seminar

Event Outcome:

- Course advice
- Entry requirements
- Scholarship opportunities
- Priority processing
- To Explore trends outside India
- Get better job opportunities







Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

**Seminar on IPR and Patent Filing**

<b>Date</b>	4 <sup>th</sup> August 2022
<b>Organized by</b>	Computer Engineering Department PHCET
<b>Speaker</b>	Dr. B K Sarkar
<b>Co-ordinator</b>	Ms. Archana Augustine

The Computer Engineering Department organized a seminar on “IPR and Patent Filing” on 4<sup>th</sup> August 2022 at Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani.

The seminar started with the inauguration function, where Dr. J.W.Bakal The Principai of PHCET, Speaker Dr. B.k Sarkar the keynote speaker, Prof. Rohoni Bhosale The Head of the Computer Engineering Department, faculties and students were present. Total 262 students attended the seminar.

Final year(BE), Third year(TE) and Second Year(SE) students were present for the seminar from 11.00am to 4.00pm.

Number of students participated from BE – 63

Number of students participated from TE – 101

Number of students participated from SE – 98

In the session the speaker explained how to find out the novel idea and how this novel idea can be converted into projects. He explained how to make the business model of the projects and how to approach the industries for funding. He gave the idea about Intellectual Property Rights and Patent Filing.

The session concluded with the interactive session between the resource person and the participants in which the queries of the participants were addressed satisfactorily.



Patentability/novelty search

Drafting Patent Application

Patent Filing in India

Publication of  
Patent Application

Examination of  
Patent Application

Grant of Patent

Mahatma Education Society's

**Pillai HOC College Of  
Engineering And Technology**

RASAYANI



SEMINAR ON

" IPR & PATENT FILING "

*Pillai*

DATE :  
4TH AUGUST 2022

TIME :  
11 AM ONWARDS

VENUE :  
CONCLAVE 1



SPEAKER : DR. B.K. SARKAR

Organized By :  
COMPUTER ENGINEERING DEPARTMENT



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)







Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

### **Seminar on Blockchain 101**

<b>Date</b>	26 <sup>th</sup> September 2022
<b>Organized by</b>	Computer Department -PHCET
<b>Speakers</b>	Mr.Nikhil Aparajit
<b>Faculty Co-ordinator</b>	Ms. Archana Augustine

Computer department of Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani, had conducted an event on the topic “Blockchain 101” on Monday, September 26, 2022 in the conclave 1 PHCET.

The event conducted for the Third Year, Second year and final year students of PHCET to get the idea about Blockchain technology and the booming career opportunities in this field. The industry expert Mr. Nikhil Aparajit from Lumos Lab given the expert lecture and hands on

session. He demonstrated wallet concepts, smart contracts etc. He explained the blockchain terminologies and given a roadmap to build the career in Blockchain. Total 182 participants attended the session. The event concluded with a vote of thanks and a photo session.











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Mohpada Alias Wasambe, MH, India  
Khalapur, Mohpada Alias Wasambe,  
Lat 18.893437, Long 73.176531  
09/26/2022 03:36 PM







Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

**“TECH THRIVE: INTERNET OF THINGS (Chapter 1)”**  
**Academic Year 2022-23**

Event Name: Tech Thrive: Internet Of Things (Chapter 1)

Date: 23rd August 2022

Coordinators: Team CSI PHCET

Department: Computer Engineering

No of Participants : 82

CSI PHCET organized an orientation program 'Tech Thrive: Internet Of Things' on 23rd August 2022 (Tuesday). Our objective for organizing this event was to give the students a brief information about Internet Of Things (IOT) domain knowledge and to get an opportunity to have a one on one interaction with the industrial expert. This event was an expert session taken by Mr. Prashant Saini who is currently working as Mobile App Developer at Navitus Education.

This event started with a theoretical knowledge about Internet Of Things with its application in various fields like medical, education, industries, etc. how IOT is making it's progress with the growing technology, examples of currently IOT working mechanisms and systems, various components used in IOT and how the components have evolved with time making them more effective and budget friendly. Physical components were made available for students to get a practical knowledge about them and at the end our guest speaker demonstrated some of the IoT projects that he developed and how we can upgrade those projects to make them work on a larger scale.





# TECH THRIVE INTERNET OF THINGS CHAPTER 1







Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

**“WORKSHOP ON INTRODUCTION TO INDUSTRY TECHNOLOGIES”**

<b>Date</b>	February 25, 2023
<b>Venue</b>	Google Meet
<b>Event Speaker</b>	Ms.Komal Bhoir
<b>Coordinator</b>	Ms. Snehal Chitale
<b>Department</b>	Computer Engineering

To understand the capabilities of students to their very strength of software programming, Pillai HOC College of Engineering and Technology, Department of Computer Engineering organized a one day online workshop on “Introduction to Industry Technologies” for second, third and final year computer engineering students on 25th February 2023.

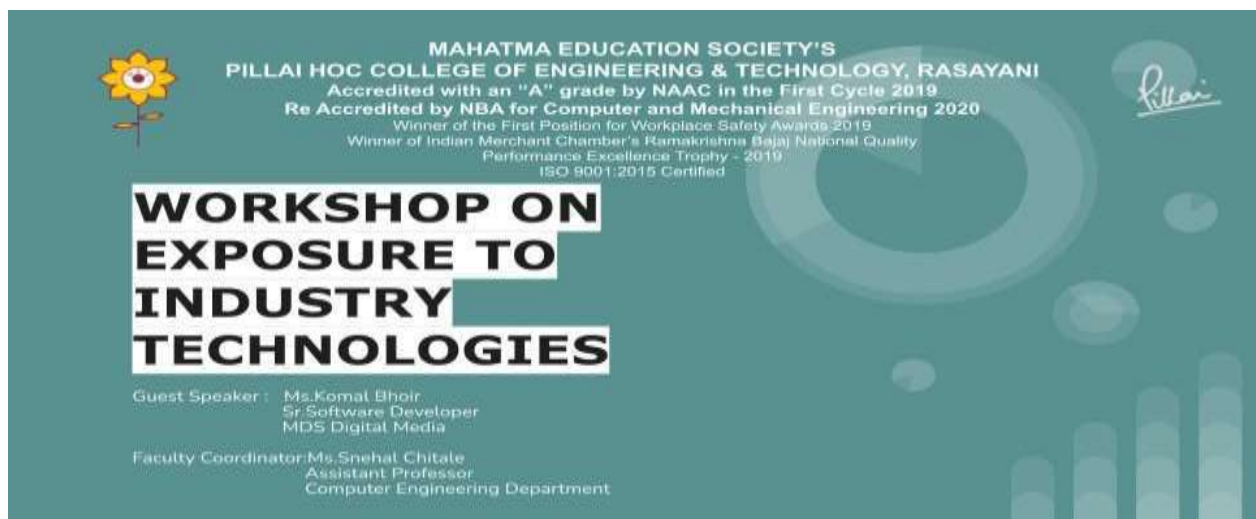
**Event Outcome:**

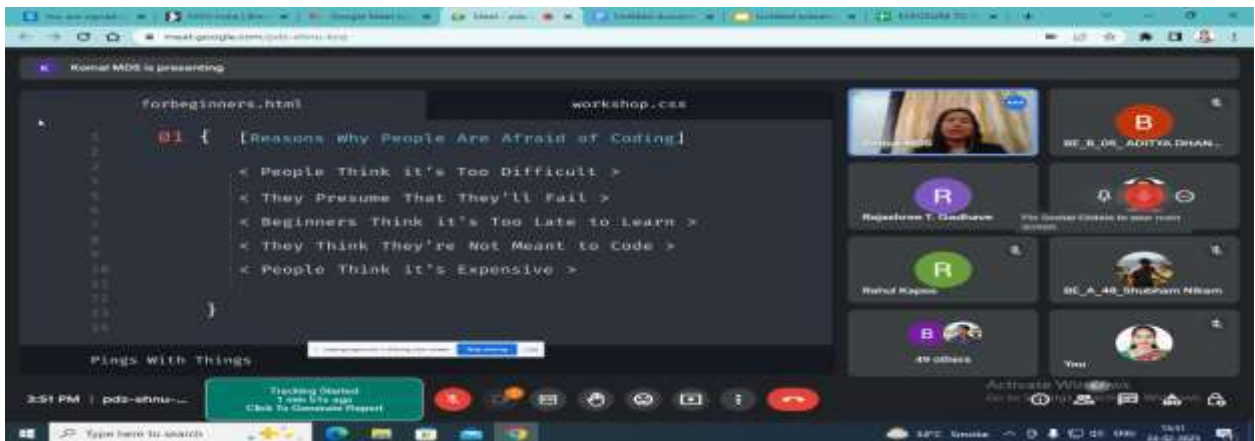
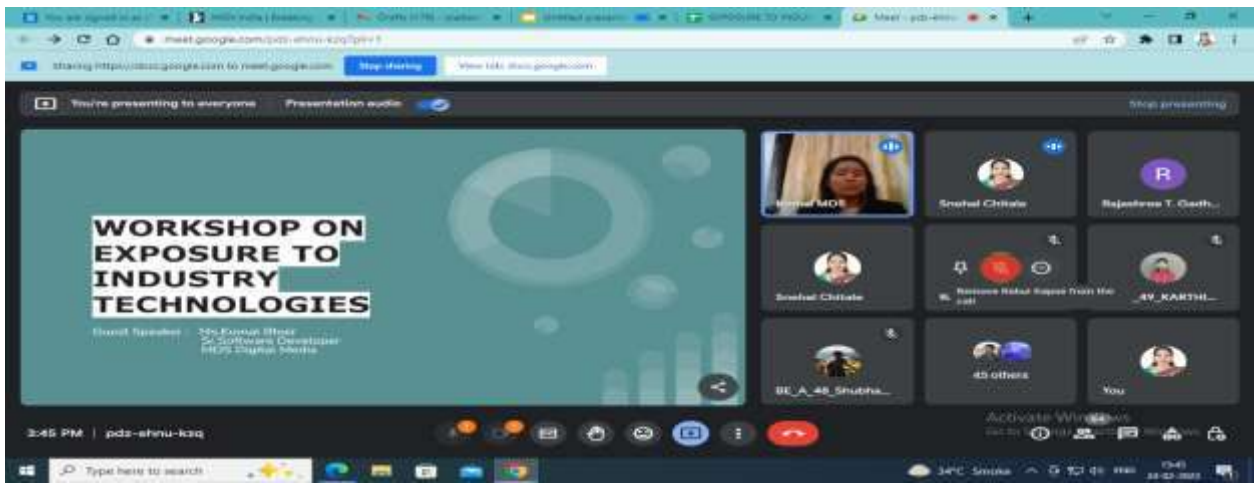
The overall goal of this workshop was to understand following points:

1. How to overcome a fear of programming language
2. How to learn programming languages
3. Managing live servers
4. Installation of frameworks with db connection
5. Creation of virtual environment in python and run file in virtual environment
6. How to schedule the execution of script automatically
7. Working with API

### **Event Feedback:**

The event was well attended by the students. We received a good response from the participants and audience and also they gave very good feedback. Students are interested in having such a type of event even in future.











meet.google.com/pdz-ehnu-kqg

Komal MDS is presenting

```

forbeginners.html      workshop.css
1  Installation of codeignitor
2  framework; {
3      > Download the Codeigniter from the link -
4      > https://codeigniter.com/download
5      > Unzip Folder
6      > Upload all files and folders to your server.
7      > After uploading all the files to your server,
8      > visit the URL of your server, e.g.; www.domain-
9      > /add.css.
10 }

```

Pings With Things

4:42 PM | pdz-ehnu-... Tracking Started 32 min 57s ago Click To Generate Report

33 others

Activate Windows

36°C Smoke

24-02-2023

meet.google.com/pdz-ehnu-kqg

Komal MDS is presenting

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1  > cd testproject
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100 > cd testproject

```

TE.A.06.Harshita Mall has left the meeting

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33 others

Activate Windows

36°C Smoke

24-02-2023

meet.google.com/pdz-ehnu-kqg

Komal MDS is presenting

```

forbeginners.html      workshop.css
1  Creating a Django Test Project; {
2      > django-admin startproject testsite
3      > cd testsite
4      > ls
5      > less manage.py
6      > cd testsite/
7      > ls
8      > python3 manage.py runserver your_ip:8888

```

Pings With Things

5:12 PM | pdz-ehnu-... Tracking Started 1 hr 22 min 51s ago Click To Generate Report

50 others

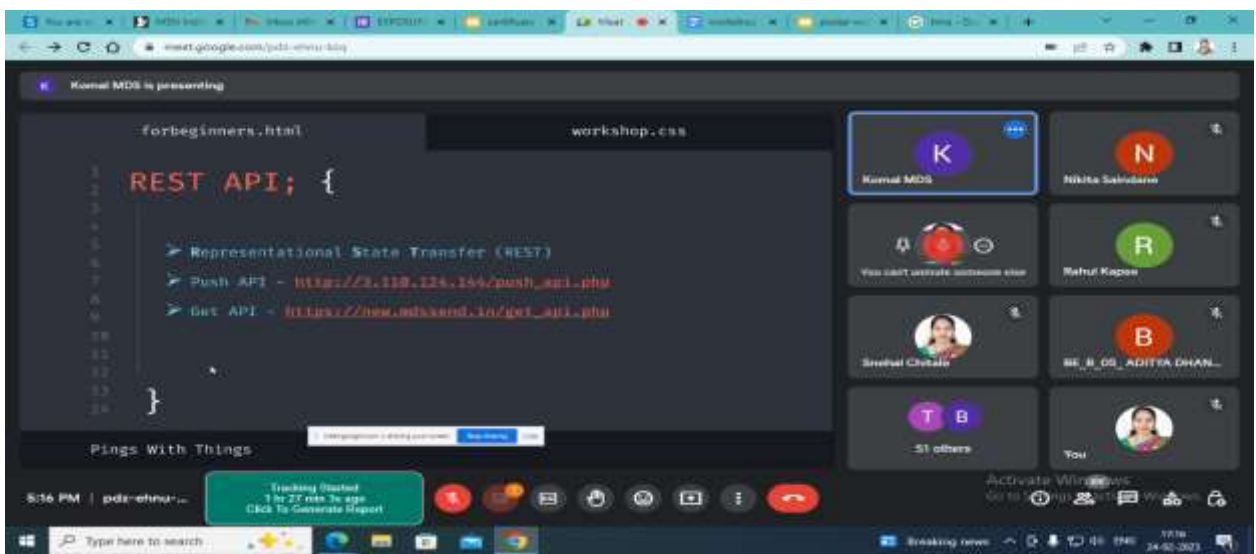
Activate Windows

Breaking news

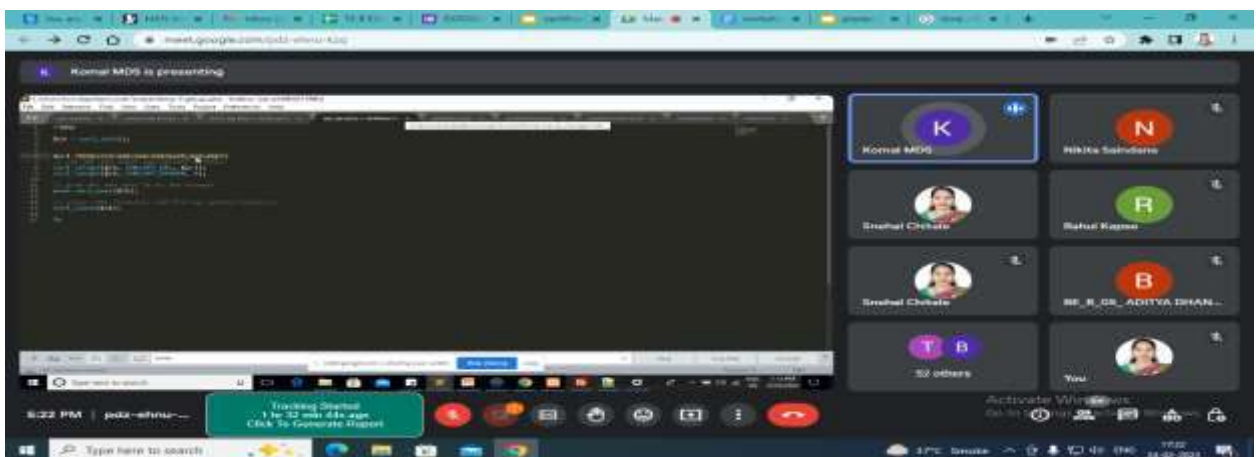
37°C

24-02-2023





Working with api



Meeting ID: pdz-ehnu-kzq

Komal MDS is presenting

forbeginners.html      workshop.css

```

1 Crontab; {
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```

Crontab is a command used in Unix-like operating systems to schedule jobs or commands to run automatically at specific times or intervals.

Each line of the crontab file specifies a job to run, and consists of six fields separated by spaces, specifying the minute, hour, day of the month, month, day of the week, and the command to be executed.

Pings With Things

Komal MDS	Nikita Saindane
Snehal Chitale	Rahul Kapra
Snehal Chitale	BE_B_05_ADITYA DHAN...
52 others	You

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USD/INR +0.37%

17:22 24-02-2023

Meeting ID: pdz-ehnu-kzq

Komal MDS is presenting

forbeginners.html      workshop.css

```

1 Crontab Example; {
2
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11
12
13
14

```

30 3 \* \* \* /path/to/filename.php

Here, the fields represent:

- Minute: 30
- Hour: 3
- Day of the month: \*
- Month: \*
- Day of the week: \*
- Command: /path/to/filename.php

The asterisk (\*) character is a wildcard that matches any value.

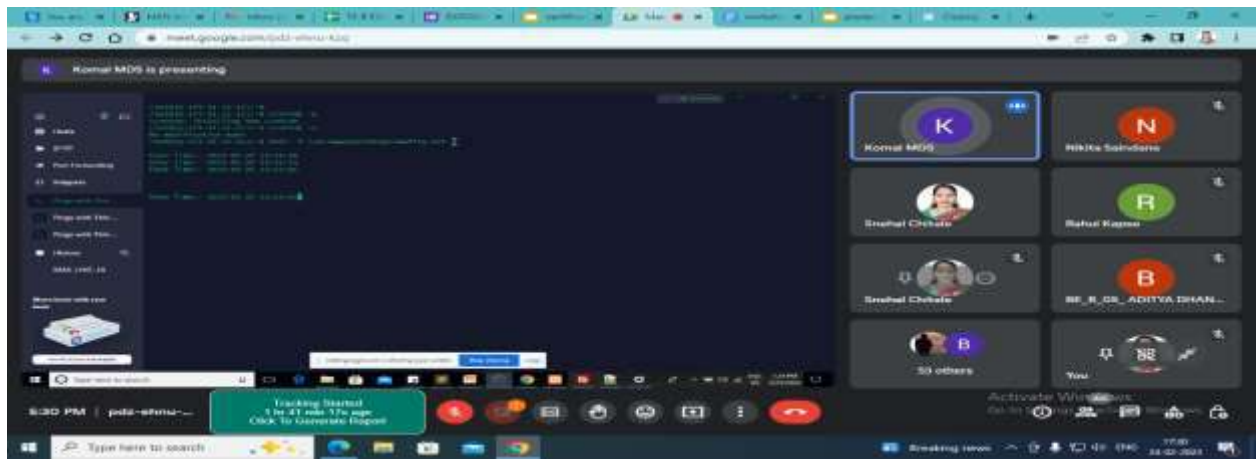
Pings With Things

Komal MDS	Nikita Saindane
Snehal Chitale	Rahul Kapra
Snehal Chitale	BE_B_05_ADITYA DHAN...
52 others	You

5:25 PM | pdz-ehnu-...      Tracking Started 1 hr 35 min 44s ago      Click To Generate Report

37°C Smoke

17:25 24-02-2023



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Computer Engineering

Event Name: THE ART OF UI/UX- DESIGNING THE FUTURE

Date: 13th March 2023 , Monday

Time: 1:30 pm Onwards

Venue : D-313 lab , Engineering Building

Coordinators: Team CSI PHCET

Department: Computer Engineering



CSI PHCET organized ' THE ART OF UI/UX- DESIGNING THE FUTURE' on 13th March 2023 (Monday). Our objective for organizing this event was to let the students explore their knowledge and represent their unique ideas of all engineering branches. The program was held in the D-313 lab in which about 80 approx. students were present from different branches of engineering.

The event started by an introduction speech and felicitation of the judges for the program. It was continued by the introduction by the speaker AMRITA T PATEL. She gave the students vast knowledge about UI/UX world. Speaker highlighted the growing opportunities in this field. She taught students how to use different UI/UX tools and how to create a login page. It was an interesting activity. Then the best 3 winners were selected by our speaker and they were awarded by certificates. All participants were very enthusiastic. An amazing day came to an end, and all the students returned with new ideas and great joy.





Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

**Expert Talk on “Cyber Security & Social Media Hacking”**

<b>Date</b>	2 <sup>nd</sup> March, 2023
<b>Venue</b>	Conclave- 1
<b>Resource Person</b>	Mr. Tukaram Bhagat
<b>Coordinator</b>	Ms. Akanksha Patil
<b>Department</b>	Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering organized an Expert talk on “Cyber Security & Social Media Hacking” for third year and final year computer engineering students on 2<sup>nd</sup> March, 2023. This Expert talk is designed to help the students understand the importance of cyber security and social media hacking do's and don'ts. We all know that nowadays cyber crimes are increasing to avoid that we need to know about cyber security. Social media platforms are also trading subjects so need to know about hacking concepts to be aware and make a decision according to that.

**Event Outcome:**

The overall goal of this expert talk was to introduce participants about Cyber security laws and Social Media Hacking Concept

## **Event Feedback:**

The seminar was well attended by the third year and Final Year students. We received a good response from the students and also they gave very good feedback. All the concepts were explained clearly and understandably. At the end of the seminar, Ms. Akanksha Patil (Faculty Coordinator) thanked HoDs, Faculty members, Management and participants for their active support for making the seminar successful.



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

Date:- 4<sup>th</sup> October 2022

Coordinators:- Ms. Snehal Shinde

Time:- 1:30pm onwards

The Coding Club, Department of Computer Engineering, PHCET organized an event named "Code Fest 2.0." The event was focused on problem-solving challenges and witnessed enthusiastic participation from teams belonging to the Second Year, Third Year, and Final Year. The event started with the announcement of the problem statements, and teams were given a specific time frame to come up with solutions. The teams were judged based on the creativity and efficiency of their solutions, as well as their ability to explain their approach and thought process to the judges. The competition was intense, with each team putting their best foot forward to win. The Final Year team emerged as the winner of the competition, with the Second Year team being the runner-up, and the Third Year team securing the last



position. The Final Year team's solution stood out for its innovative approach and the efficient use of resources. They received a certificate of appreciation. The runner-up team and the last-placed team were also given participation certificates. Overall, Code Fest 2.0 was a successful event, and the participants gained valuable experience and exposure to the world of programming. The Coding Club of the Computer Department, PHCET plans to organize more such events in the future to encourage and promote the culture of programming and problem-solving among students. The event was made possible due to the efforts of the organizers, judges, and volunteers. The Coding Club extends its gratitude to all those who contributed to making the event a success.



**Report on “Design Thinking,Innovation and StartUp”**

<b>Date</b>	29 <sup>th</sup> July ,2022
<b>Resource Person</b>	Dr.Karthik Nagarajan,Innovation Ambassador,Institutional Innovation Council (IIC) Ministry of Education (MoE), AICTE
<b>Co-ordinator</b>	Ms.Nikita Saindane
<b>Department</b>	Department of Computer Engineering

Pillai HOC College of Engineering and Technology,Department of Computer Engineering organized a Seminar on “**Design Thinking,Innovation and StartUp**”. on 29<sup>th</sup> July,2022 from 02:30pm to 04:30 pm. Participants were enlightened with the knowledge of resource person on startUP and Innovation. Dr.Karthik Nagarajan,Innovation Ambassador,Institutional Innovation Council (IIC) Ministry of Education (MoE), AICTE was invited as the resource person for the seminar. He has been teaching for the past 22 years and has 6 years of industrial experience and 7 years of research experience.He is an IIRS ISRO Network Institute Coordinator at Pillai ISRO Outreach Network Institute since July 2017. Currently he is the Secretary of the Indian Society of Remote Sensing, Mumbai Chapter. Over 150+ students of SE and TE Computer and faculty participated in the session.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

1. The idea of Design Thinking,Innovation and StartUp which can help students to do out-of-the-box or outside-the-box thinking.
2. Speaker has given the idea about level in every kind of organization, design thinking provides the tools you need to become an innovative thinker and uncover creative opportunities.
3. Speaker has guided the students about the startups and patents.
4. Guidance about EDU-ISRO,distant classroom education from school level to higher education.
5. Registration procedure for IIRS-Elearning,IIRS-ISRO Outreach Programme to carried out Projects and Internships

Students enjoyed and learned a lot during the Session.The session ended with vote of thanks by Mr. Rahul Kapse, Assistant Professor,Computer Engineering Department.





Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

Date: 28th February, 2023

Industry Name: Aiipitech Pvt. Ltd.

Coordinator: Ms. Pradnya Patil

Department: Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering students had successfully visited to "Aiipitech Pvt. Ltd." on 28th February, 2023.





## Importance of Cyber Security

Today we live in a digital era where all aspects of our lives depend on the network, computer and other electronic devices, and software applications. All critical infrastructure such as the banking system, healthcare, financial institutions, governments, and manufacturing industries use devices connected to the Internet as a core part of their operations. Some of their information can be sensitive for unauthorized access.

Cyber-attack is now an international concern that hacks the system, and other security attacks could endanger the global economy. Therefore, it is essential to have an excellent cyber security strategy to protect sensitive information from high-profile security breaches. Furthermore, as the volume of cyber-attacks grows, companies and organizations need to use strong cyber security measures and processes to protect their sensitive business and personal information.

## Goals of Cyber Security

1. To ensure data protection. Protect the confidentiality of data.
2. Preserve the integrity of data.
3. Promote the availability of data for authorized users.

## Industrial Visit Details:

This visit helped the students to clear the concepts and techniques associated with physical infrastructure security devices, systems and techniques used to combat theft, prevent physical damage, maintain system integrity and services, and limit unauthorized disclosure of information.

## Industrial Visit Outcome:

The main outcome was

1. Students will be able to understand the practical working of the cyber forensic tools.
2. Students will be able to understand tools and techniques used to secure the perimeters of all local computing devices.
3. Students will be able to gain good knowledge in the cyber forensic field.

## Industrial Visit Feedback:

The industrial visit was attended by the third year students. We received a good response from the students and also they gave very good feedback. All the tools were explained clearly and doubts were also cleared.



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

The Department of Computer Engineering had successfully conducted an industry visit to “CETTM MTNL, Powai” for students of PHCET.

Event Name : Industry Visit at CETTM MTNL

Date : 11th October, 2022

Faculty Coordinator : Ms. Snehal Chitale, Ms. Rajashree Gadhve

Department : Computer Engineering

An industry visit to “CETTM MTNL, Powai” was organized by the Computer Engineering Department of Pillai HOC College of Engineering & Technology, Rasayani on Tuesday, 11th October, 2022. Total 51 students and 2 faculties visited the CETTM MTNL to interact with the telecommunication industry delegates where they provided information about the current scenario of technologies and the future advancements.





Students were made familiar with the latest telecom technologies. Practical exposure to concepts such as Digital Telephone Exchanges, Transmission Technologies, wireless Technologies and Broadband / FTTH were given which was divided into four different sessions starting from introduction. CETTM MTNL Powai conducted very informative sessions to the students.

Schedule for the day was as follows:

Time	Topics Covered
10.00 - 11.30	Introduction to Telecommunication Technologies
11.45 - 1.15	Digital Telephone Exchanges and Transmission Technologies
2.15 - 3.45	Wireless Technologies and Broadband / FTTH

-Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

**Department of Electronics and Computer Science**

**A seminar on**

**The power and potential of Metaverse**

The department of Electronics and Computer science organized a seminar on “The power and potential of Metaverse” on August 08, 2022 at conclave II from 3.00 PM to 4.30 PM for Computer, IT and ECS students. The aim behind organizing this seminar was to orient students how metaverse is revolutionising the industry and the opportunities created for the youths.

Mr. Pankaj Raut, CEO of AjnaLens and recognized as one of the most influential thought leaders in Immersive technologies in India was invited as a speaker for this seminar. AjnaLens is a Mumbai-based company making immersive augmented, virtual and mixed reality devices and software solutions for Defence, Enterprise and Skilling sectors. It is the first and only XR hardware OEM to manufacture AR/VR glasses in India. Mr. Raut briefly explained emerging technologies like AR, VR, Mr, IoT, Digital Twin etc. He also guided students about how to build a career in Metaverse.

Around 100 students of different disciplines attended the session. The seminar was very useful for the students. They interacted freely with the guest and shown their interest towards career in metaverse. The session ended with a vote of thanks to the speaker by Dr. Mansi Subhedar, Head of ECS department.





Rasayani, Maharashtra, India  
V5VG+5P2, HOC Colony, Rasayani, Maharashtra 410207, India  
Lat 18.893166°  
Long 73.176673°  
08/08/22 03:50 PM



Rasayani, Maharashtra, India  
V5VG+5P2, HOC Colony, Rasayani, Maharashtra 410207, India  
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-Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

**Department of Electronics and Computer Science**

### **Workshop on**

### **STEM Education using Internet of Things**

Department of Electronics and Computer Science organized a hands-on workshop on “STEM Education using Internet of Things”, under IETE Students Forum from 19<sup>th</sup> to 22<sup>nd</sup> July 2022 for Mahatma Education Society's HOC Junior College of Arts, Science and Commerce students. (Computer science 44 & Biology 33) under the guidance of Prof. Munawira Madam and Principal Sir. All the sessions were conducted by Prof. Upendra Patil & Prof. Mithun Nair.

PHCET is committed to offering a great opportunity to the school students by providing a free Embedded Systems Workshop named “STEM Education using Internet of Things”. This novel initiative targets maximum benefits to the enthusiasts attending the workshop. The workshop is designed to help students develop their knowledge & skills, and provide real-time industry exposure dedicatedly delivered by experienced teachers. Also, we provide the opportunity to work with the school students in the Research lab under the valuable guidance of Ms. Munawira Kotyad Pillai to motivate them to start their research careers in Embedded Systems.

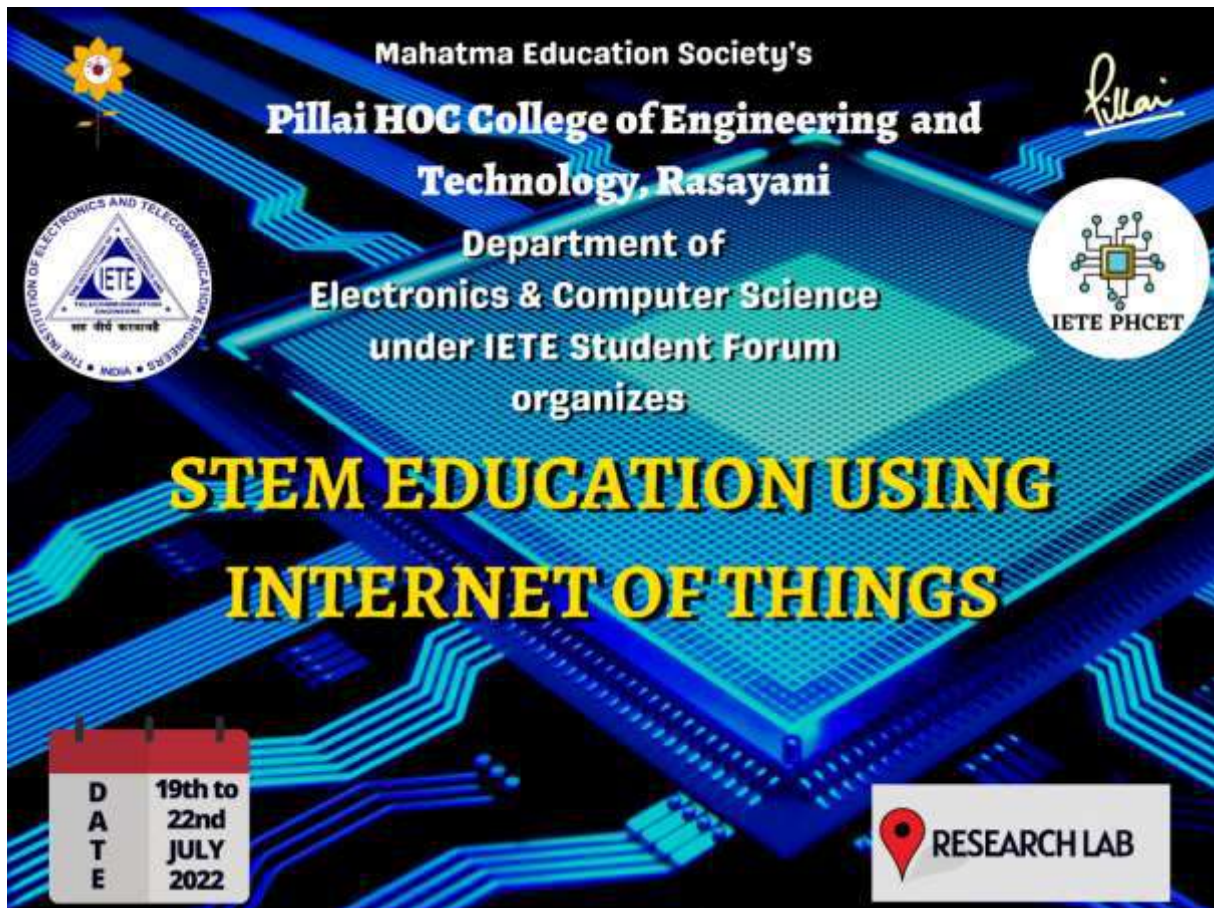
The program started at 10.30 a.m. with the welcome address by Dr. Mansi Subhedar, Head of the department. The opening remark was given by Dr. J. W. Bakal, Principal, PHCET.

Mr. Joby Thomas, Ms. Purva Gaikar, Mr. Aniket Thavai, Mr. Ashutosh Ovhal, Mr. Pranay Yadav, Mr. Rajesh Podhar, and Mr. Yogesh Koli coordinated this event.

The following points were covered during the workshop:

- Embedded System Design Constraints
- Requirement of prototyping in Embedded System Design
- Arduino as prototyping hardware and software
- Arduino IDE
- Arduino programming language

- Digital and Analog Interface



The poster features a background of glowing blue circuit traces on a dark surface. At the top center, the text reads: "Mahatma Education Society's Pillai HOC College of Engineering and Technology, Rasayani". To the right is the "Pillai" logo. Below this, it says "Department of Electronics & Computer Science under IETE Student Forum organizes". The main title "STEM EDUCATION USING INTERNET OF THINGS" is in large, bold, yellow letters. On the left is the IETE logo, and on the right is the IETE PHCET logo. At the bottom left is a calendar icon showing "D 19th to A 22nd T JULY E 2022". At the bottom right is a red location pin icon with the text "RESEARCH LAB".

Mahatma Education Society's  
**Pillai HOC College of Engineering and  
Technology, Rasayani**

*Pillai*

Department of  
Electronics & Computer Science  
under IETE Student Forum  
organizes

**STEM EDUCATION USING  
INTERNET OF THINGS**

IETE

IETE PHCET

D 19th to  
A 22nd  
T JULY  
E 2022

RESEARCH LAB















Rasayani, Maharashtra, India  
V5VG+9HH, HOC Colony Rd, HOC Colony, Rasayani, Maharashtra 410222,  
India  
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20/07/22 11:20 AM



Rasayani, Maharashtra, India  
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India  
Lat 18.893148° Long 73.17647°  
20/07/22 11:21 AM



Rasayani, Maharashtra, India  
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India  
Lat 18.893172° Long 73.176477°  
19/07/22 10:46 AM



Rasayani, Maharashtra, India  
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Maharashtra 410222, India  
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19/07/22 11:27 AM



Rasayani, Maharashtra, India  
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Maharashtra 410222, India  
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21/07/22 12:09 PM









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India  
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22/07/22 11:20 AM



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India  
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**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**Department of Electronics & Computer Science**

**Seminar on “Intellectual Property Rights and Patenting”**

<b>Date</b>	6 <sup>th</sup> October 2022
<b>Resource Person</b>	Dr. B. K. Sarkar
<b>Venue</b>	Conclave: I

Intellectual property is a category of property that includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition.

Department of ECS, Pillai HOC College of Engineering and Technology (PHCET), Rasayani in association with the IETE Students Forum organized Seminar on “Intellectual Property Rights and Patenting” on Thursday, 6<sup>th</sup> October 2022.

The Seminar started at 02:45 PM in conclave-I. Ms. Pooja Shukre introduced invited speaker for session, Dr. B. K. Sarkar, Professor, Department of Computer Engineering. Dr. Mansi Subhedar, Head, Department of ECS guided students about various areas of patenting and also motivated students about importance of IPR and Patenting in academics.

Dr. B. K. Sarkar gave a brief introduction on IPR and explained the various related terms such as copyrights, patents. Students were guided on how IPR restricts copying others' ideas and how this will help the development of new ideas for the betterment of the society. Speaker also explained, how IPR provides total control over a new innovation and its creator. Students and faculty members also learned about how small innovations influence societies at large and how they should indulge in innovating and patenting ideas that will be useful for all the classes of individuals in the society.

Total 67 students and faculty members of ECS department benefited from this Seminar. The session was very interactive and students showed their interest in the topic. The program concluded with a question and answer session followed by a vote of thanks to the speaker by Mr. Jayesh Rane, ISF Faculty Coordinator.





Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
**Department of Electronics and Computer Science**  
**Report on Seminar “Goal Setting & Achievement”**

Motivated people not only think about what they want to accomplish, but they also give attention to processes and take action to accomplish their goals. They continuously think about what obstacles or blocks they might encounter where they can get help, and how they will feel if they succeed or fail in reaching their goals. Keeping this objective in mind the department of Electronics and Computer science in association with the IETE Students Forum (ISF) organized a Seminar on “Goal Setting and Achievement” on 11th October 2022 at Conclave I from 10.30 a.m. to 12.00 p.m. for EXTC and ECS students. The workshop was inaugurated by Dr. J.W. Bakal, Principal with his motivational speech. Later ISF Faculty coordinator Mr. Jayesh Rane briefed about the IETE Student Chapter and events conducted under the IETE Students forum. Dr. Mansi Subhedar, Head, Department of ECS guided students on the importance of Goal setting in life.



Mr. Kedar Ketkar, Assistant General Manager, Technova Imaging Systems, Taloja was invited as a speaker for this seminar. Goal Setting begins with recognition of the current condition and where one wants to be. Once the current and desired conditions have been determined, it is necessary to make a commitment to do something about the gap. He conducted a very interactive session by involving students in the discussion. He explained to students giving real examples of how to set goals and different steps to achieve them. He explained to students about time management by simple matrix.

	<b>Urgent</b>	<b>Not urgent</b>
<b>Important</b>	<b>I</b> Looming assignment deadlines Crises Cramming for exams Emergencies Last minute preparations	<b>II</b> Reading lecture notes Personal development Planned study Exercise and health Planning your time/setting goals
<b>Not important</b>	<b>III</b> Some emails and phone calls Many interruptions Some popular activities Some meetings	<b>IV</b> Trivia Some phone calls Excessive TV or surfing the net Time wasters



The seminar was very useful for the students. They interacted freely with the speaker and discussed a few questions and doubts. The session ended with a vote of thanks to the speaker by Mr. Jayesh Rane, IETE coordinator.

**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**Department of Electronics & Computer Science**  
**One Week Faculty Development Program on Digital Circuits and Microprocessors**

<b>Date</b>	28 <sup>th</sup> November to 2 <sup>nd</sup> December 2022
<b>Resource Person</b>	Mr. Hitesh Sahu and Mr. K. Akhilesh Rao Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay
<b>Venue</b>	ECS Labs
<b>Faculty Coordinator</b>	Dr. Mansi Subhedar

Department of Electronics & Computer Science, Pillai HOC College of Engineering and Technology (PHCET), Rasayani organized a “One Week Faculty Development Program on Digital Circuits and Microprocessors” on 28th November to 2nd December 2022 sponsored by Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay. Department has collaborated with this agency for Pilot project on Skill development.

Resource persons for this FDP were Mr. Hitesh Sahu and Mr. K. Akhilesh Rao from Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay. The FDP addressed the various aspects of Advances in Digital Circuits and Microprocessors. This FDP was aimed for department faculty. A total of 6 faculty completed the hands-on training in this programme.

Total 10 training boards were received form Wadhvani Electronics Laboratory (WEL), Department of Electrical Engineering, IIT Bombay. The course material such as handout/supporting documents, videos are also provided from resource persons via the LMS.

These trained faculty will be involved in training upcoming batches under this pilot project.

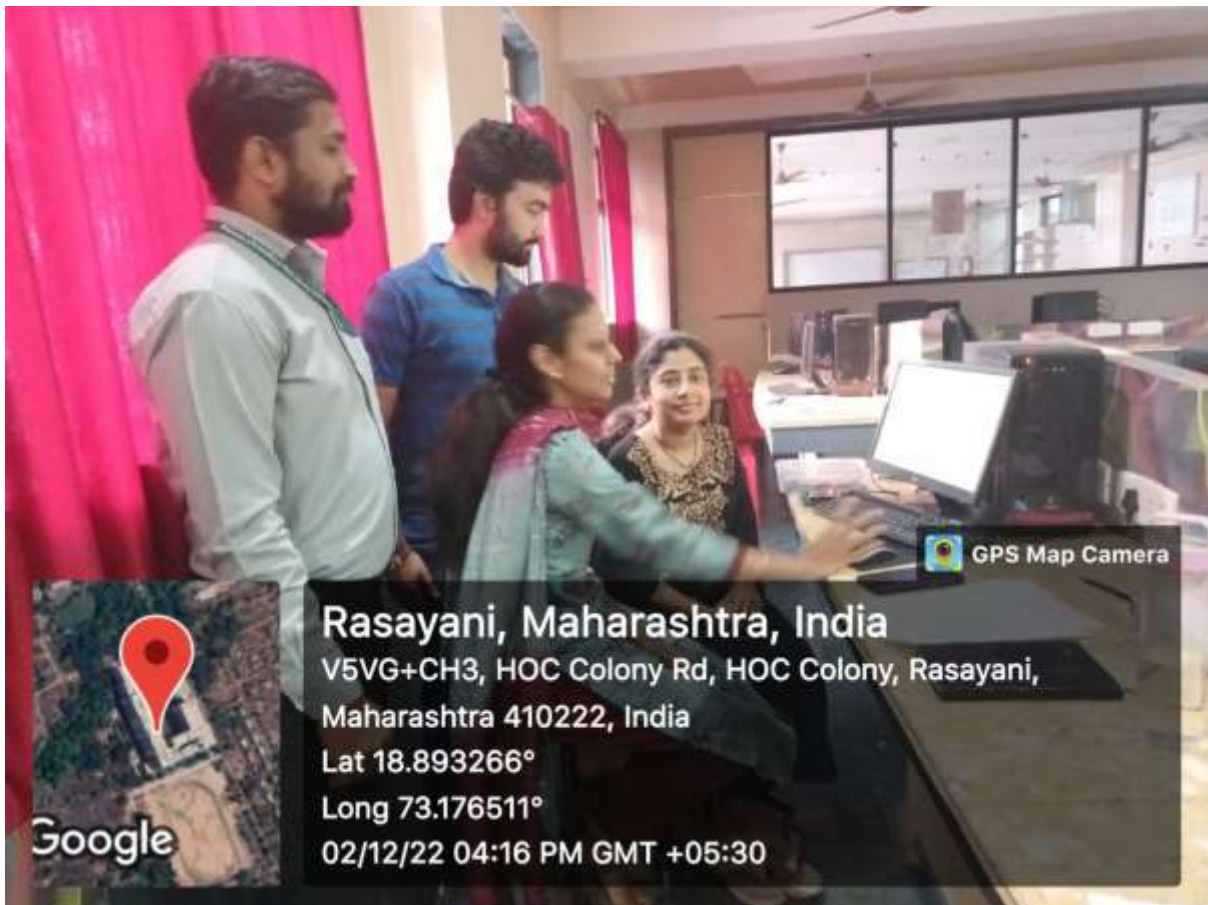




GPS Map Camera



**Rasayani, Maharashtra, India**  
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Maharashtra 410222, India  
Lat 18.89329°  
Long 73.176647°  
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GPS Map Camera



**Rasayani, Maharashtra, India**  
V5VG+CH3, HOC Colony Rd, HOC Colony, Rasayani,  
Maharashtra 410222, India  
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Long 73.176511°  
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GPS Map Camera



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V5XJ+9V2, Rasayani, Maharashtra 410222, India  
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Long 73.182347°  
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**MAHATMA EDUCATION SOCIETY**  
**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI.**

**Department of Electrical Engineering**

**Seminar On**  
**“How to implement DESIGN THINKING in STARTUP”**

**Date:** 28<sup>th</sup> July 2022.

**Venue:** Conclave-I

**Time:** 10:15 AM to 1:15 PM

**Speaker :** Dr. Karthik Nagrajan

**Coordinator :** Prof. Ronita Pawn

Department of Electrical Engineering, has Organized seminar on “How to implement DESIGN THINKING in STARTUP” under IEI student Chapter on 28th July 2022.

The seminar aimed to understand the importance of design thinking. Designing thinking is a process that aims to radically change how you solve a problem by diversifying the design team and fully understanding a specific user. Most entrepreneurs are inherent design thinkers. They are always looking for problems that can be solved and solutions that can be improved. They are empathetic to customers’ needs and naturally have a curious mind that allows them to look at things unconventionally. This is how they can come up with business ideas and turn them into sustainable startups. The students got great help regarding planning and out of box thinking.

Total 119 students and 9(11) faculties have participated in the seminar. All the students had a very interactive session. They were very excited about participating in this seminar and requested for more seminar/workshops in a similar way so that they can simultaneously gain practical knowledge.



Banner of the event





*Felicitation of speaker Dr. Karthik Nagrajan by Head of Department*



*Explaining the idea with example*



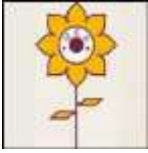
*Interaction with students*



*Group photo with the faculty members*



*Photo of the participant present for the seminar*



*Pillai*

MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY,  
RASAYANI  
**Department of Electrical Engineering**

“Webinar on Design of Solar Photovoltaic System “

Date: 1<sup>st</sup> October, 2022

Timing: 02:00PM to 3:45 PM

Platform – Google Meet, Certify Em

Co-coordinator: Prof. Sangeetha Rajagopal

**Speaker Profile: Dr.A.Amudha, Ph.D, Dean, KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University), Coimbatore -641021.**





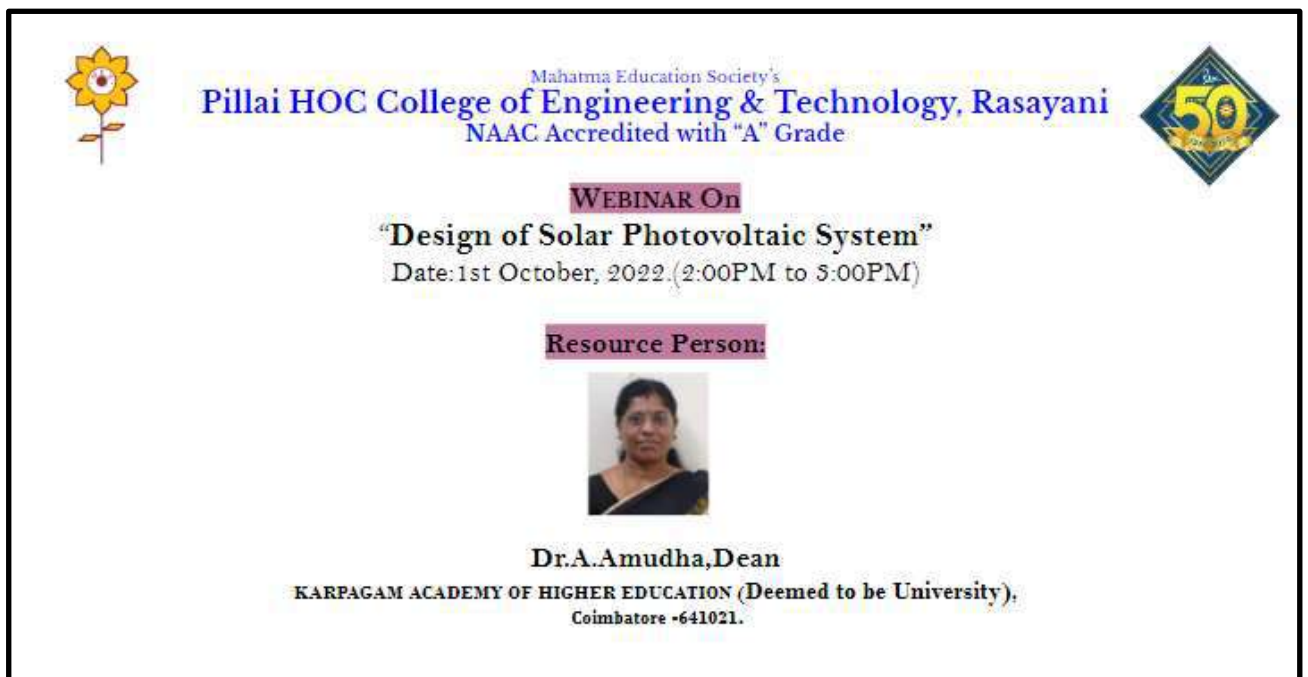
She has around 30 years of teaching experience. Published more than 125 Papers in peer reviewed Scopus and SCI index journals with 900+Citations and number of papers presented in conferences. She has been received many research grants which includes DRDO GRANT also. She is not only a best academician but also offers consultancy service on energy audit. Presently, madam is working as a Dean in KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University), Guiding Ph.d and Master students under Power system and Renewable energy areas.

The Main objective of this webinar was to get a brief knowledge on Solar Photovoltaic Systems. This was arranged for all the undergraduate Engineering students. Prof.Sangeetha Rajagopal introduced the Speaker and Session started.



Speaker made this session live, and very much interactive. Starting from the basics of Solar Power, She extended her presentation towards different types of Photovoltaic cells, solar system design and implementation. It was really an informative session and was carried out through the online Google Meet platform around 50 Students and faculty participated enthusiastically. The session ended with a vote of thanks.

The feedback link circulated among the participants and E-certificates were provided.

Students were extremely happy, satisfied and gained good knowledge of Solar PV.




The poster is for a webinar titled "Design of Solar Photovoltaic System". It is organized by Pillai HOC College of Engineering & Technology, Rasayani, which is NAAC Accredited with "A" Grade. The webinar is part of Mahatma Education Society's activities. The date is 1st October, 2022, from 2:00PM to 3:00PM. The resource person is Dr. A. Amudha, Dean of Karpagam Academy of Higher Education (Deemed to be University), Coimbatore -641021. The poster includes a logo of a sun on the left and a 50th anniversary logo on the right.

 **Mahatma Education Society's**  
**Pillai HOC College of Engineering & Technology, Rasayani**  
NAAC Accredited with "A" Grade 

**WEBINAR On**  
**"Design of Solar Photovoltaic System"**  
Date: 1st October, 2022 (2:00PM to 3:00PM)

**Resource Person:**



**Dr.A.Amudha,Dean**  
**KARPAGAM ACADEMY OF HIGHER EDUCATION (Deemed to be University),**  
Coimbatore -641021.

Amudha Chakkaravarthy is presenting

Press Esc to exit full screen

## Mechanism of generation

- Voltage and Current of PV cell ( I-V Curve )

The graph plots Current (A) on the y-axis against Voltage (V) on the x-axis. Two curves are shown: a red curve for 'High insolation' and a blue curve for 'Low insolation'. The red curve starts at a higher current value on the y-axis (labeled  $I_{sc}$ ) and ends at a higher voltage value on the x-axis (labeled  $V_{oc}$ ). The blue curve starts at a lower current value and ends at a lower voltage value. A yellow shaded area under the red curve is labeled 'Normal operation point (Maximum Power point)'. A red dot on the red curve marks this point, with a vertical dashed line extending to the x-axis at a point labeled 'about 0.5V (Silicon)'. A horizontal dashed line from this point to the y-axis is labeled  $I_m$ . A yellow box contains the text: 'Voltage on normal operation point 0.5V (in case of Silicon PV)' and 'Current depend on - Intensity of insolation - Size of cell'. A yellow box at the bottom left of the graph contains the equation  $I \times V = W$ . Two circuit diagrams are included: 'Short Circuit' (a PV cell connected to an ammeter) and 'Open Circuit' (a PV cell connected to a voltmeter).

Design of Solar Photovoltaic System

Amudha Chakkaravarthy is presenting

Press Esc to exit full screen

## PROBLEM-1

Design a SPV system for a factory which contains 1hp motor (1 hp = 747 W operating for 4 hours a day, 8 tubelights, each of 50 watts operating for 7 hours a day. Consider a 1 day autonomy for battery.

Design of Solar Photovoltaic System

Amudha Chakravarthy is presenting

Press Esc to exit full screen

### STEP 5 WIRING,FUSE AND JUNCTION BOX SELECTION

(a)Maximum direct current (DC) and voltage

System	Max DC Wattage(w)	DC System Voltage (V)	Max DC Current(A)
1	1460	24	1460/24=60.88=62

(b) DC Wiring, Fuse And Junction Box Selection

System	Max DC voltage (V)& Current(A)	SWG	Fuse	Switch/Junction Box
1	24V,60A			

(c)Maximum Alternate current (DC) and voltage

System	Max AC Wattage(w)	AC System Voltage (V)	Max AC Current(A)
1	1147	230	1147/230=4.98=5


Design of Solar Photovoltaic System

Amudha Chakravarthy...  
Bharathina Patil Ee  
VAISHNAVI MHATRE  
YASH WAGHMARE  
SAGAR PATIL  
Vaishnavi Thopate  
33 others  
You

Sample Certificate:

Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
 NAAC Accredited with "A" Grade

## CERTIFICATE OF PARTICIPATION



This is to certify that

**Rohit Ramesh Garate**

has successfully completed Online webinar on "**Design of Solar Photovoltaic System**" organized by *Department of Electrical Engineering* on 1st October, 2022.

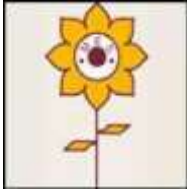
*[Signature]*  
**Ms.Sangeetha Rajagopal**  
 Coordinator

*[Signature]*  
**Prof.Pranita Chavan**  
 H.O.D

*[Signature]*  
**Dr.J.W.Bakal**  
 Principal

Made for free with Certify'em





A handwritten signature in black ink that reads "Pillai".

**MAHATMA EDUCATION SOCIETY**  
**PILLAI HOC COLLEGE OF**  
**ENGINEERING & TECHNOLOGY, RASAYANI**

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**Webinar**

**On**

**“Electrical Engineers: Expectations and opportunities”**

A webinar on “Electrical Engineers: Expectations and opportunities” was organized by the Department of Electrical Engineering on 13th August, 2022. Mr.S.K.Mahajan is Principal, Tata Power Skill Development Institute, Shahad. He has vast experience in the field of Power Transmission & Distribution as well as Operations areas. He also teaches Electrical and employability related subjects. Total 52 students participated in the session.

The speaker explained about Resume preparation, Group discussion , HR Rounds, new Online Recruitment Process & resources available for preparation and many more. Guidelines were given for Online resources for interview preparations. He gave insights about how to prepare oneself for an interview and to prepare responses to few likely asked questions like your strengths, weaknesses, accomplishments, goals, etc. He explained the current trends and various opportunities for young engineers in all sectors. He also explained the importance of renewable energy sources and the opportunities available in solar energy. Electrical engineers are specialized in power supply and generation. They have jobs in design, develop, test and supervise electrical equipment manufacturing discipline. This webinar was very informative and interactive. The students were able to know about the company's actual expectations from students and how students can prepare themselves for higher studies.

The session concluded with a question answer session. An online feedback form was sent to participants, positive feedback was received for the webinar and they suggested to organise more sessions like the same in the future. All the participants were provided with an E certificate.

Date : August 15, 2022

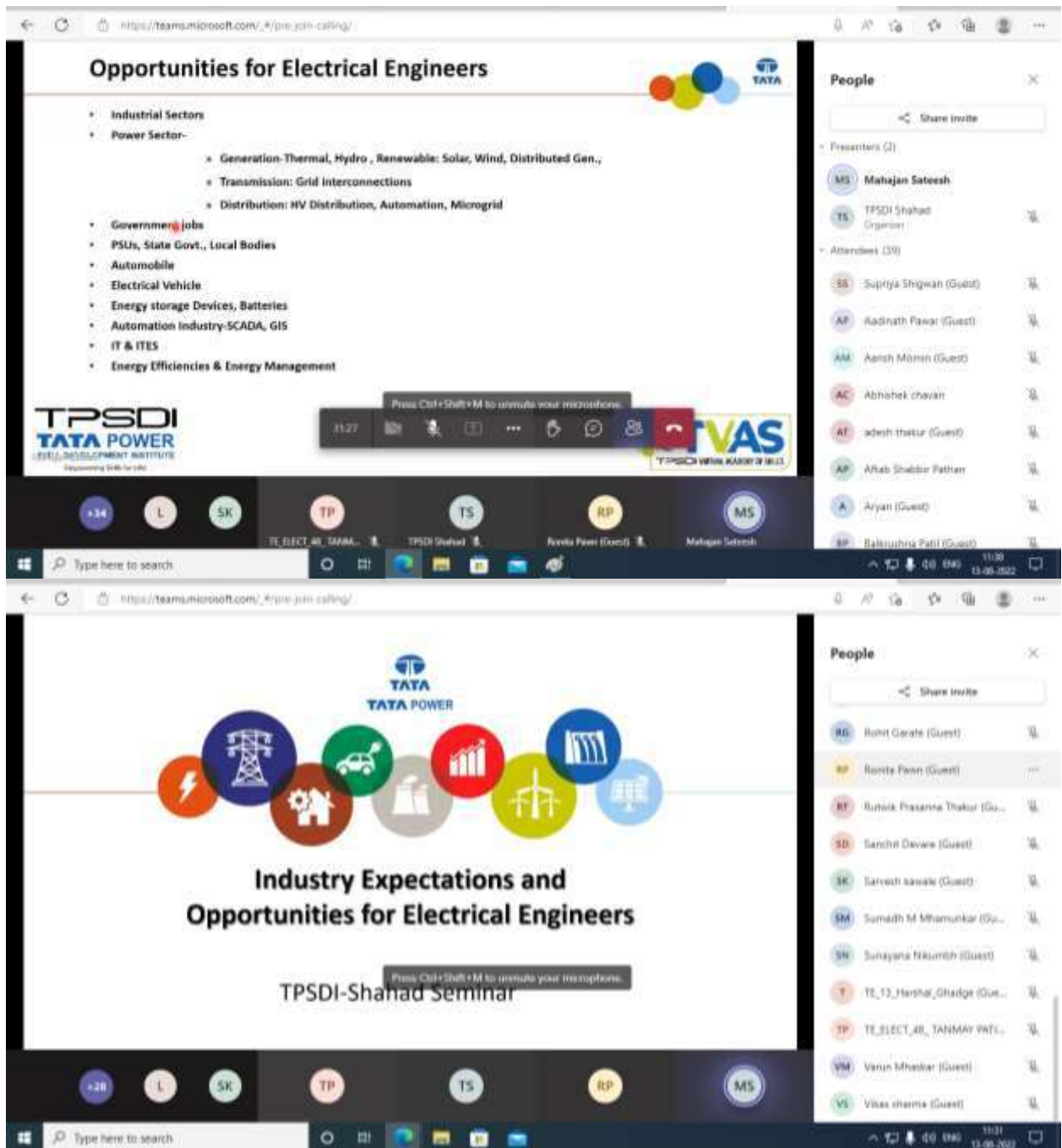
Platform : Google meet

Resource Person: Mr.S.K.Mahajan, Principal-Tata Power Skill Development Institute, Shahad

Coordinator : Ms. Supriya Shigwan

Department: Electrical Engineering

The top screenshot displays a slide titled "Solar Energy Opportunities & Need". It features a central diagram with four quadrants: "Search for alternate sources", "Search for cleaner fuels", "Search for fuel Abundant in nature", and "Search for Cheaper fuels". Surrounding this diagram are four text boxes: "Demand" (Demand for energy is ever increasing), "Environment" (Fossil fuels Cause pollution & global warming), "Availability of fuel" (Fossil fuels are fast depleting), and "Cost". The slide includes the TATA logo and a "TPSDI" logo at the bottom left. A "People" sidebar on the right lists participants like Kulkarni Vinayak, Mahajan Sateesh, and TPSDI Shahad. The bottom screenshot shows a slide titled "Industry Expectations" with a bulleted list: "Trained manpower", "Skilled manpower", "Specific requirements related to Industry", "Globalization-Mobility, ready to shift, relocate", "Adaptive skills to environment, technological changes", "IT & ITES capable", and "Market / Service Oriented manpower". It also features the TATA logo and a "TPSDI" logo at the bottom left. A "People" sidebar on the right lists participants like Rohit Garate (Guest), Ronita Pawn (Guest), and Rurvik Prasanna Thakur (Guest).



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

**STTP on "Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy Conservation"**



Industry sponsored & ISTE approved Six Days Short Term Training Program on “Challenges and Opportunities in Sustainable Energy Conservation, Utilization and Its Business Strategy” organized by Department of Civil, Electrical & Mechanical Engineering

**Event Date:** 19th to 24th September, 2022

**Mode of Conduct:** Offline

**Theme:** Interaction with an Industry and academia expert

**Organizers:** Dr. G. V. Patil, Mr. Raju Narwade and Ms. Pranita Chavan

**No. of Students Participated:** 169

**No. of Faculty Participated:** 38

**About STTP:** This STTP focused on conservation, storage and utilization of conventional and non-conventional energy resources which includes engineering applications of hydrogen energy, solar energy and wind energy. Currently global market faces issues to maintain sustainability in the context of environmental economy and social needs. To mitigate energy conservation and storage challenges eminent speakers from industry and academia have been invited. Industry experts explored various opportunities in energy sector to develop entrepreneurship skills and job opportunities. STTP included one day industry visit to explore real life issues and solutions in the energy sector. Eminent personalities from industry and academia explored business strategies to maximize the profit and reduce the energy exploring cost.

### **STTP Objectives**

This STTP have been scheduled to achieve following objectives:

- Utilization of conventional and non-conventional energy resources
- To maintain sustainability in the context of environmental economy and social needs.
- To mitigate energy conservation and storage challenges
- To explore various opportunities in energy sector to develop entrepreneurship skills and job opportunities
- Industry visit to explore real life issues and solutions in the energy sector.



**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**“DSA with Sami Ahmed”**  
**Academic year 2022-23**

GDSC PHCET conducted an event “DSA with Sami Ahmed” for the third-year students of the computer department and IT department for the preparation of their competitive coding environment.

**Event Name:** DSA with Sami Ahmed

**Event coordinator:** GDSC PHCET

**Faculty coordinator:** Ms. Komal Golimbade

**Date:** February 22, 2023

**Time:** 12.15 – 1.15 PM

**Venue:** B505 Smart Classroom

The speaker for the event was Sami Ahmed, the SIH Hackathon 2022 winner. He conducted an open interaction with the members and briefing about all the topics to be covered in DSA was given to the students. Further, the speaker gave the interview tips about the topic and ways to crack it. The speaker also gave an introduction about the options available for self-learning of the topic and certifications.

The students participated in the discussion with great enthusiasm and question and answer round.



# DSA ROADMAP AND PRACTICE SESSION



**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**“DEV Mela (Flutter)”**  
**Academic year 2022-23**

**Event Name:** DEV Mela (Flutter)

**Event coordinator:** GDSC PHCET X ACE PHCET

**Faculty coordinator:** Ms. Komal, Ms. Prachi

**Date:** March 10th, 2023

**Time:** Technical- 10:30-12:30 pm

Non-Technical- 1:30-4:30 pm

**Venue:** D-413 Lab, Engineering Building & Artificial Lawn

Google Developer Student Club PHCET in collaboration with Association of Coders and Encoders PHCET organized an Event “Developers Mela” for the academic year 2022-2023.

The Developers Mela event held on 10th of March at Pillai Hoc College was a huge success. The event was organized to bring together developers, programmers, and software engineers. The Event was attended by faculty and 300+ students from all the technical as well as non-technical branches.

The event was conducted in two halves; the first half was all about technical learnings, which covers the topic of - Flutter, Firebase and Angular.

The Flutter session covered the basics of building mobile apps using the Flutter framework, including widgets, layout, and navigation. The Firebase session focused on how to build real-time applications using the Firebase platform, including authentication, database, and storage. The Flutter Extended session covered advanced topics such as animation, state management, and debugging along with connectivity using firebase. Ms Komal & Ms Prachi took this sessions on another level. The following was continued by Khushnuma bringing on Single Page Applications using Angular. All web enthusiast and Flutter Devs were really into it, they also received refreshments for the same.

The event had a vibrant and energetic atmosphere with attendees engaged in discussions and sharing ideas with one another. Apart from technical learnings, attendees also participated in various activities and contests organized by the Team. The event was sponsored by Traveling- A Tours and Travels sponsor.

The second half was started with Saraswati Vandana and lightning the lamp by our Principal Dr J W Bakal Sir, event had fun games like Box Cricket, Test Your Shot, Rapid Cup Relay, Dumb Charades, XO Cups and Badminton. These games provided an opportunity for attendees to unwind and connect with each other in a casual setting, which was later followed by a closing ceremony where the organizers thanked the attendees, faculties, sponsors, and partners for making the event a grand success.

Overall, the Developers Mela event was a great success. It provided a platform for developers to connect, learn and grow in their careers. The event was well-organized, and the sessions were informative and engaging, making it a valuable experience for all attendees. The inclusion of fun games like box cricket and badminton added to the overall enjoyment of the event.







**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**“Jamming with Gaming”**  
**Academic year 2022-23**

Google Developer Student Clubs PHCET organised a gaming session for the college students and outsiders to get together and have a free conversation. The students came together and interacted with each other. The faculty and 100+ students attended the program from all the technical branches.

**Event Name:** Jamming with Gaming

**Event coordinator:** GDSC PHCET

**Faculty coordinator:** Ms. Komal Golimbade

**Date:** December 18, 2022

**Time:** 6.30 PM

**Platform:** Discord

The event had a fresh start with interaction among the audience. An overview about the club was delivered by the event members. Students participated in multiple games which included Valorant, Wrong answers only, BGMI, LUDO etc. Later on the club members and students watched the game changing performance of FIFA world cup 2022. The event concluded with a vote of thanks.

Students from all over the branches showed interest in the club's activities and joined the club. The event encouraged them to be a part of GDSC PHCET.

# MATCH DAY

**FINAL**



ARGENTINA

**VS**

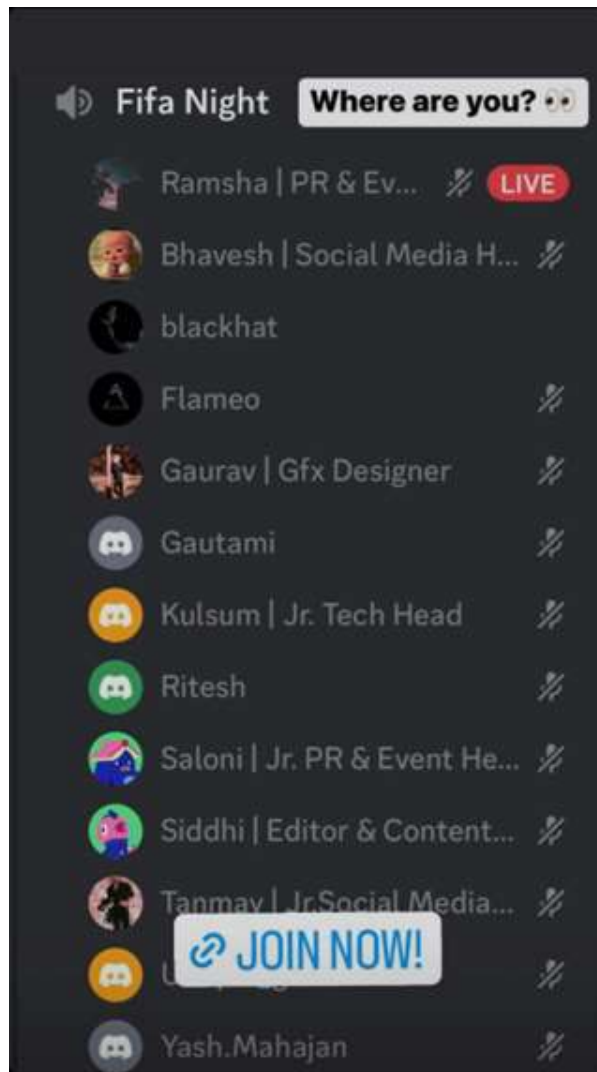


FRANCE

LET'S WATCH  
THE FINALS TOGETHER

**LIVE**

SUNDAY 18, 08.30 PM



**Mahatma Education Society's  
Pillai HOC College of Engineering and Technology, Rasayani  
"Fundamentals of Compose with Adit Lal (GDE)"  
Academic year 2022-23**

On January 8, 2023, the Google Developer Student Club PHCET hosted an engaging, entertaining, and educational session. The event's focus was Jetpack Compose, and Mr. Adit Lal, a Google developer with extensive experience in Android, spoke at the event. This session was attended by more than 150 students from several GDSCs.

**Event Name:** Fundamentals of Compose

**Event coordinator:** GDSC PHCET

**Faculty coordinator:** Ms. Komal Golimbade

**Date:** January 8, 2023



**Time:** 11:30 AM

**Platform:** Google Meet

The event started off with a lively interactive session with the audience, during which many students took pleasure in creating new contacts. Mr. Adit Lal led the students beginning with fundamentals of Compose to advance level. A lot of Q&A sessions were included in the online class to keep the students interested.

Each and every participant received a certificate of participation. With a vote of appreciation, the event came to an end.





Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Information Technology

### HANDS ON WORKSHOP ON ANDROID APPLICATION DEVELOPMENT

To train tech-minded students Department of Information Technology has successfully conducted 2 days Hands On Workshop on Android Application Development. The event was conducted on 05/08/2022 and 06/08/2022 in the Computer Centre at lab 313 between 10:00 AM to 4:30 PM. On this momentous occasion it was our proud privilege that we were blessed with Ketan Anil Khapare, (B.E.(ExTC)-Project Manager,S.M.A.R.T.Technologies,) and Akshayee Bharat Dhule (M.E.(ExTC)-Software Engineer, S.M.A.R.T. Technologies) as a speaker.

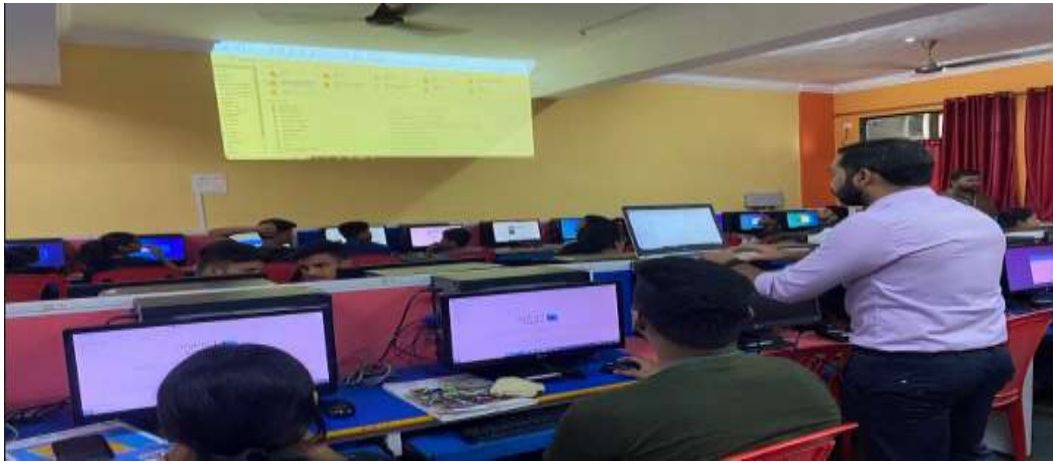
The event began with the formal introduction of guest speakers. To express our affection and reverence towards our guests IT Department HOD Dr. Divya Chirayil and ISTE coordinator Prof. Rupali Sathe felicitate all the guests with bouquet.



On the first day of workshop they started with installation of android and some basic operations of android.



On the second day they have started with some advanced operations such as Calculator app, Intent app, Number list, Menu bar, etc.



Students enthusiastically asked all their doubts which were running in their minds and all these doubts were cleared at the same time by the professionals.



The event was led and executed successfully under the guidance of ISTE Co-ordinator Prof. Siddhesh Khanvilkar and Prof. Rupali Sathe. About 110 students of various departments willingly participated in this event to make this event successful. All the participants were awarded with workshop completion certificates. 2 days of Hands on workshop was mind blowing and once in a lifetime experience for all the participants.





Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Mechanical Engineering

**Seminar on "Current Trends and Opportunities in Piping Engineering"**

<b>Date and Time</b>	19-04-2023, 10:30 am to 1:30 pm
<b>Venue</b>	Conclave-I
<b>Resource Person</b>	Mr. Rahul E. Eukey (Director, REU Engineering and Consulting LLP.)
<b>Coordinator</b>	Mr. Sunil Singh Rajput
<b>Department</b>	Mechanical Engineering

Mr. Rahul Eukey is founder and Director of REU Engineering and Consulting LLP. REU Engineering and Consulting LLP is manufacturer of Pressure regulating Valves , Safety Valves, Blanketing valves , Gas Manifold & Gas Bank Cascade . REU is supply and service Provider for Gas Detection and calibration system, Gas purification system, Temperature control system. REU is service provider of all type of compressors. Mr. Rahul Eukey has total 20 years of experience Industrial Projects like Gas handling system, compressed air system, and waste heat recovery system for cement industry. REU Engineering and Consulting LLP also provide consulting services for gas distribution system specifically for hydrogen & compressed natural gas.

Total 70 students and faculty have participated the session. Expert started the session by briefing and giving introduction of the field to which he belongs and operations involved in piping industry. Following to that Mr. Rahul Eukey explained spread of 'Piping Engineering' across various industries. Expert also explained our students' insights about how piping engineering can be a great career options, explaining about multiple job profiles mechanical engineer can explore in this field. The expert explained to students about emerging opportunities one can have in piping engineering along with roles and responsibilities associated with different job profiles and growth opportunities to have successful career in Piping Industry.

Mr. Rahul Eukey explained about what all demands of industries and what qualities industries are looking for are. He also explained about specific and generalized skill sets students should pursue to

get specific jobs in piping industry in a minimum possible time. Expert also guided students about how to appear for interviews for piping industry jobs.

The main objective of the seminar was to make students aware about different career opportunities available, skills needed to work in the Piping Engineering Sector, which participants understood by end of the session.

The session ended with Question Answer session and finally concluded by vote of thanks by Dr. G. V. Patil, Head of Mechanical Engineering Department.









Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Mechanical Engineering

**Seminar on "Solar Energy for Sustainable Development"**

<b>Date and Time</b>	25-04-2023, 10:30 am to 1:00 pm
<b>Venue</b>	Conclave-I
<b>Resource Person</b>	Mr. Mahadeo Sable (Zonal Head - Solar O&M, The Tata Power Company Limited)
<b>Coordinator</b>	Mr. Sunil Singh Rajput
<b>Department</b>	Mechanical Engineering

Mr. Mahadeo Sable is currently working as Zonal Head - Solar O&M, The Tata Power Company Limited. He has received MBA degree from Times Business School and Post-Graduation in Advanced Strategic Decision Making from IIMK. He completed PG in Electricity Regulation and Certified Energy Manager from BEE. He has an Engineering background. HE has an extensive and hands on field experience for more than 23 years in Solar Projects, Solar O&M, Wind Power, Hydro Power, O&M of Sea Port equipment, DG Power Plants based on HFO & Natural Gas. He has done installation, testing, commissioning and on-site/off-site support for Marine and Offshore equipments related to Power Generation and Propulsion. He is currently managing large scale Solar Assets in MH, TN, TS and KL having more than 20 plant locations spread across the geography. He also ensures the quality, compliances/approvals, stabilization of O&M for under construction sites in these states and also manages civil function for Pan India Solar Sites.

Mr. Mahadeo Sable explained about current energy scenario in world as well as in India. Starting with need and role of higher energy production in development of country he explained the importance of energy production. Mr. Sable also compared conventional energy sources with renewable and limitations and future crisis over conventional energy sources.

Followed by that Mr. Sable explored huge potential country have to produce energy by using solar as energy source. Mr. Sable also explained different initiatives taken and targets set by government of India to produce electricity by solar as a source for upcoming years. He also explained financial

calculations involved and how country can stop majority of our foreign exchange going off for fuel expenses. He also explained how solar energy production can boost economy having sustainable development simultaneously. Mr. Sable also explained how the country can walk on a path of sustainable development and can become energy independent by shifting our conventional energy sources to renewable and particularly

Being an expert in the field Mr. Sable explained different stages involved in commissioning solar power plant and operations involved in operating and maintain solar power plant. Mr. Sable also guide students about career opportunities available in solar and renewable energy sector.

The session ended with Question Answer session and finally concluded by vote of thanks by Dr. G. V. Patil, Head of Mechanical Engineering Department.









Mahatma Education Society's  
Pillai HOC College of Engineering and Technology, Rasayani  
Department of Automobile Engineering

Report on one day webinar

on

**"Importance And Manufacturing of Biofuels"**

**Date: 10<sup>th</sup> August 2021**

**Title of the Webinar: “Importance and Manufacturing of Biofuels”**

**Organized by:** MPower Energy Pvt.Ltd. And Students’ council, Department of Automobile Engineering, PHCET

Category: Webinar

Name of the Faculty Coordinator: Mr. Vaibhav Bhagat

Name of the Student Coordinator: Mr. Sumedh Shinde, Mr.Mohd. Sahil Shaikh, Mr. Shriram Sapre

Date: 10<sup>th</sup> August 2021 at 5:00 PM

Target Audience - SE, TE, BE students of All Branches

No. Of Audience: 51

Speaker Profile: Attached below

Related Subjects: I C Engine

**Objective:** To provide awareness regarding non-conventional energy resources for engine fuels.

**Speaker Profile:**

**Mr. Sam Maladkar**

He is having the vast knowledge in Biofuels and Engine Compatible fuel Industry and various Biodiesel and Bio petrol Blends. He enjoys creating an eco-friendly and user health Conscious Products that are very safe which are having gradual increasing demand in market. He has experience in Research, development and manufacturing of energy and healthcare products. He is doing project consultancy in the field of chemicals, petroleum, Bio-tech and related fields. He gives hands-on experience to students on various platforms, extensive R& D, training and practical implementation in the biofuel manufacturing, experience in project consultancy.

**Content of the webinar:**


- Introduction to Importance of Biofuel
- Brief about Automobile Industry
- Engine Compatibility of different biofuels
- Different types of biofuels and their applications
- Manufacturing of biofuels
- Energy Utility
- Project Patenting and New Research Development in this field.
- Brief about how to Set up new projects in chemical fields
- Petroleum and bio tech projects and their future aspects.
- Manufacturing of energy products And healthcare products
- Design of Engine Components (e.g. Cylinder, Crank, Connecting Rod, Valves, Cam etc. (for several purpose vehicles)

- Engine & Accessories according to biofuel and possibility to use different organic components.

Some photos:





Not secure | mpowerenergy.com/industries/biomass



### Categories

- Mpower Fuel Oil
- Biomass
- Mpower Biodiesel
- Coal Drifts
- Bio Briquettes
- Mpower Fuel Addition

Considering the drive towards green Energy, Mpower has taken giant steps towards production of Bio-mass Briquettes and is currently one of the largest suppliers of Biomass Briquettes in the country.

Mpower has facilities for production of Biomass Briquettes at various locations to enable customer to source locally. The company has back-to-back arrangements for Raw material supplies and

**Mohd Sahil**

ANURAG

SAKSHI SHINDE

mohd sahil shahh

mohd sahil shahh

SAKSHI SHINDE

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Recording...

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Urja	31 Himanshu Shabastara	Sourav Patil	Dhiraj Magare T... Dhiraj Magare T... Dhiraj Magare T...	38_ATPATIL SID... 38_ATPATIL SID... 38_ATPATIL SID...

**Participants (31)**

Find a participant

- ANURAG
- SANMADHAR JANGLI
- SAKSHI SHINDE
- pranali jangli A 22
- Urja
- 28\_CHETAN M...  
32\_Shivram sapre

**Chat**

yes sir

From Anurag (last visible to everyone)

Which Will be the Best Energy Source in the Future? Biofuel, Solar, Wind or Water?

we biofuel is the solution to the impending energy crisis???

Yes you can see your messages! Recording On

To: Vatibav Bhagat | Direct Message

Type message here...

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**Promoting Bio-diesel Projects**

Empowering Life

With an initiative to successfully establish its Technology for producing high grade Bio-Diesel, Mpower is also offering Bio-diesel Projects on **Turn-Key basis** to interested Entrepreneurs and Bulk Consumers. Our Scope of Work begins with preparing Project Reports to Project engineering, Setting up an Integrated Plant and Technology Transfer from **Mpower American Fuels Llc**. Mpower also shares its Technological and marketing support to its co-partners in the business.

**Participants (144)**

- Mohd Sahi
- Surya Maladkar (Co-lead)
- SANDESH VARMA (Co-lead)
- pranav Jangde A 23
- Dr. Shweta Adiga
- DR\_ CHETAN KUMAR
- Dr. Shreya Sane
- Dr. Himanshu Shalvani
- DR\_ NITIN SIDDHARTH
- Dr. Pradyumn Varma Pabhar, Indore Gite A.
- A. Tejas, Acharya (DIT)
- A-22 ABHIRAM KADAM
- A-23 Aditya Rajendra Khade
- Arvindhan Gurun
- Aravind Vaid A. 25
- Amit Jadhav
- Aravind

**World Biofuel Day**  
AUG 10, 2021  
5:00 PM

STUDENTS' COUNCIL, DEPARTMENT OF AUTOMOBILE ENGINEERING  
IN COOPERATION WITH  
PROJECT STUDENTS' COUNCIL

**Webinar on  
"Importance & Manufacturing of  
Biofuels"**

OPEN FOR ALL DEPARTMENTS.

**Our Keynote Speaker:**  
**Mr. Sam Maladkar**  
(B.E.-Chem, DIT, MBA)  
Director- Mpower Group  
Project Consultant

**JOIN**  
@phcetstudentcouncil

Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology, Rasayani**  
Department of Civil Engineering  
**INTERNATIONAL SYMPOSIUM on**  
**"FEATURES OF COLLECTING LOAD ACCORDING TO**  
**RUSSIAN, INDIAN AND EUROPEAN STANDARDS"**

<b>Date</b>	<b>July 30, 2021</b>
<b>Platform</b>	<b>Zoom</b>
<b>Department</b>	<b>Civil engineering</b>
<b>Co-ordinator</b>	<b>Dr. Shilpa Pankaj Kewate</b>

The Student Chapter Committee of Indian Green Building Council (IGBC) at Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani, has conducted an international symposium on "**Features of collecting loads according to Russian, Indian, and European Standards**" on July 30, 2021, Saturday at 4:00pm IST.

Total 230 participants from Maharashtra, Karnataka, Tamil Nadu, Gujarat, West Bengal, Madhya Pradesh, Uttar Pradesh, Kerala, Chhattisgarh, Andhra Pradesh, Jharkhand, and Rajasthan, Delhi had registered for this webinar.

Details of Keynote Speaker are mentioned below.

**Dr. Zoia Beliaeva**

Department of Building Structures and Soil Mechanics  
Institute of Civil Engineering and Architecture,  
Ural Federal University,  
**Ekaterinburg, Russia**

The webinar was inaugurated with a virtual prayer and a lamp-lighting ceremony. Dr. Shilpa Kewate, convener, made the opening comments. She greeted the attendees and introduced the committee members. Mr. Pooja Patkar, Secretary of the PHCET IGBC Students' Chapter reviewed our previous activities and presented her goals and visions for the coming

year. Mr. Raju Narwade, HOD of civil department proposing welcome address to the participants.

The session was started by the keynote **Dr. Zoia Beliaeva**. She had briefly explained the key concepts of the various features of collecting loads using Russian, Indian and European Standards and objective of structural design. The session concluded with an interactive session between the resource persons and the participants in which the queries of the participants were addressed satisfactorily. **Dr. Shilpa Kewate**, the convener, gave a vote of thanks and appreciated all of the participants for joining this webinar. This event was graced by the presence of Mr. Bhavesh Mehta, core committee member CII IGBC Mumbai chapter.



Inauguration of the webinar with a virtual



**Mr. Raju Narwade**, HOD of civil department proposing welcome address to the participants



Secretary of the PHCET IGBC Students' Chapter



Technical session by Ms. Zoia Belieava on "Features of collecting loads according to Russian, Indian, and European standards"

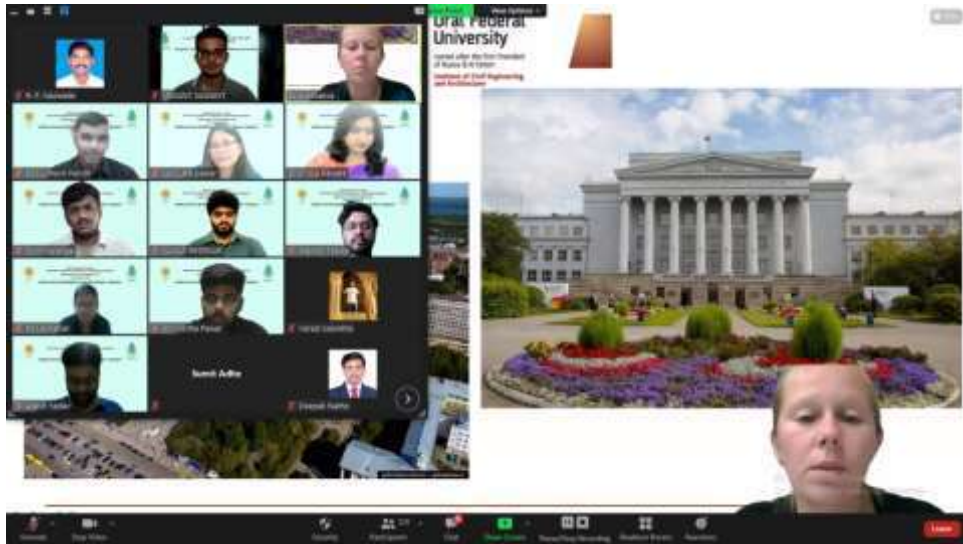




Technical session by Ms. Zoia Belieava on" Features of collecting loads according to Russian, Indian, and European standards”



Technical session by Ms. Zoia Belieava on" Features of collecting loads according to Russian, Indian, and European standards”



Technical session by Ms. Zoia Belieava on" Features of collecting loads according to Russian, Indian, and European standards"



Technical session by Ms. Zoia Belieava on" Features of collecting loads according to Russian, Indian, and European standards"



Participants/Attendees of Webinar on



**Dr. Shilpa Kewate**, the convener, Presenting a vote of thanks

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Civil Engineering  
**Webinar on "Energy Efficient Glasses"**

<b>Date</b>	<b>September 7, 2021</b>
<b>Platform</b>	<b>Zoom</b>
<b>Department</b>	<b>Civil engineering</b>
<b>Co-ordinator</b>	<b>Dr. Shilpa Pankaj Kewate</b>

The Student Chapter Committee of Indian Green Building Council (IGBC) at Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani, has conducted an international symposium on "Energy Efficient Glasses" on September 7, 2021, Tuesday at 5:00pm IST

Total 200 participants from Maharashtra, Karnataka, Tamil Nadu, Gujarat, West Bengal, Madhya Pradesh, Uttar Pradesh, Kerala, Chhattisgarh, Andhra Pradesh, Jharkhand, and Rajasthan, Delhi had registered for this webinar.

Details of Keynote Speaker are mentioned below.

Keynote Speaker: Mr. Venugopal. R, Manager – Design, IGBC AP, GRIHA CP, WELL AP, EDGE Expert, Saint-Gobain India Private Limited - Glass Business

The webinar was inaugurated with a virtual prayer and a lamp-lighting ceremony. Dr. Shilpa Kewate, convener, made the opening comments. She greeted the attendees and introduced the committee members. Mr. Bhoumesh Pandit, President of the Indian Green Building Council (IGBC), welcomed the speaker and also reviewed our previous activities and presented his goals and visions for the coming year. The session was started by the keynote speaker **Mr. Venugopal. R on Energy Efficient Glasses.**

Mr. Venugopal. R explained the key concepts of energy efficient glasses. Also brief information about Characteristics, stability and the important factors of Energy Efficient Glasses were provided by him. Energy-efficient glass is used for double or triple glazing used in modern windows in homes. Unlike the original single glazing or old double glazing, energy-efficient glazing incorporates low-emissivity coated glass to prevent heat escaping



through the windows. This makes the windows highly thermally insulating hence improving the energy efficiency of your home and helping to save money on your heating bills.

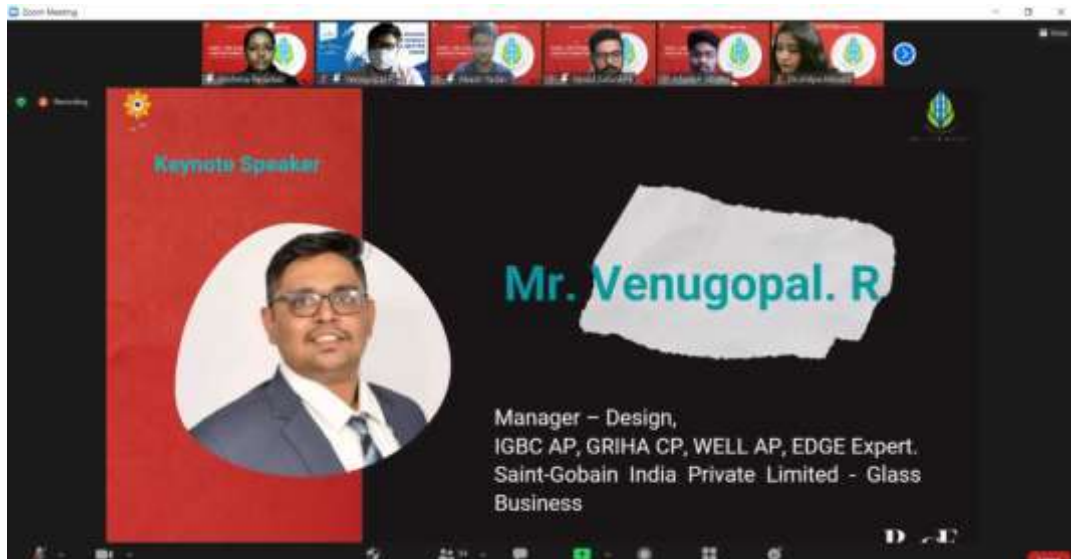
The session concluded with an interactive session between the resource persons and the participants in which the queries of the participants were addressed satisfactorily. This event was graced by presence of Ms Sarita Balodhi ,Manager at Confederation of Construction Products and Services (CCPS),Mr. Bhavesh mehta..core committee member CII IGBC Mumbai chapter,Mr.Sandip Tallaulikar,managing director Jackson Hospitality PVT LTD.



Virtual prayer ceremony



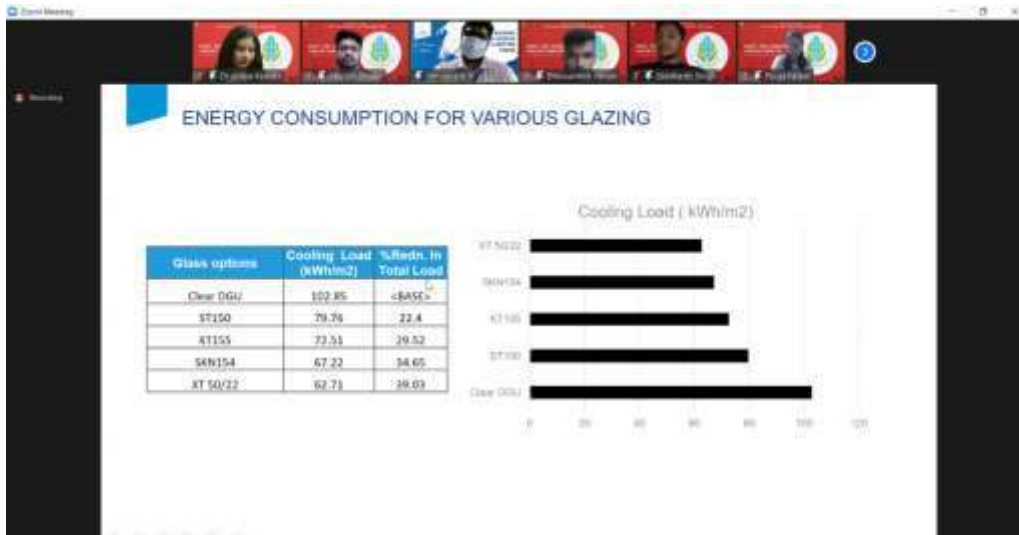
The Student Chapter Committee of Indian Green Building Council (IGBC)



Keynote speaker **Mr. Venugopal. R**



Technical session by **Mr. Venugopal. R** on "Energy Efficient Glasses"



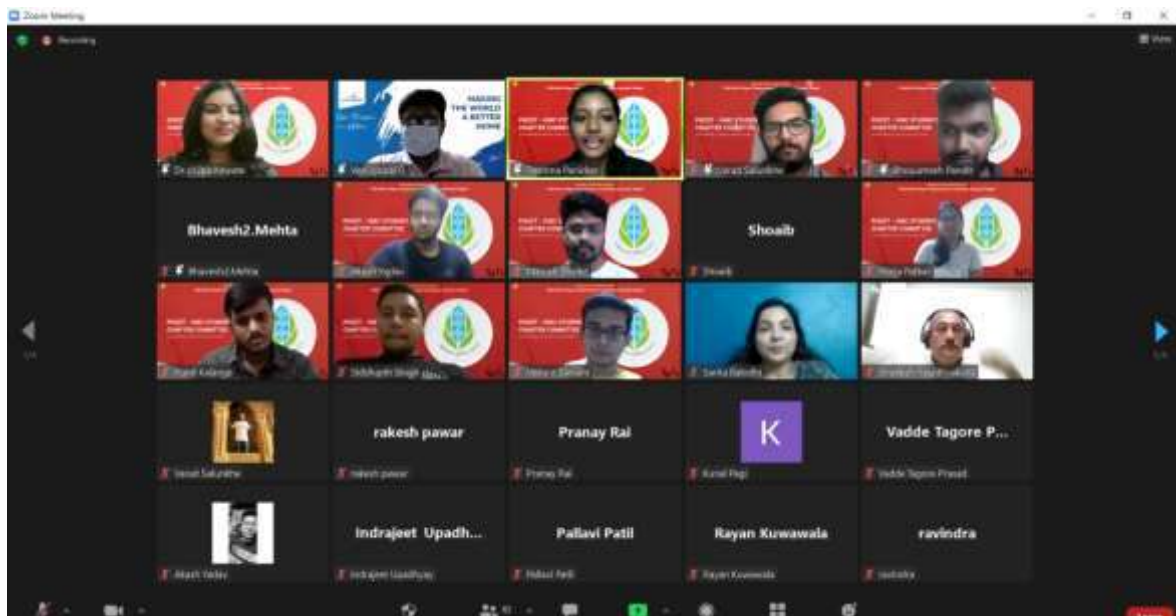
Technical session by **Mr. Venugopal.R** on "Energy Efficient Glasses"



Technical session by **Mr. Venugopal.R** on "Energy Efficient Glasses" explaining sage glass insulating glass unit (IGU)

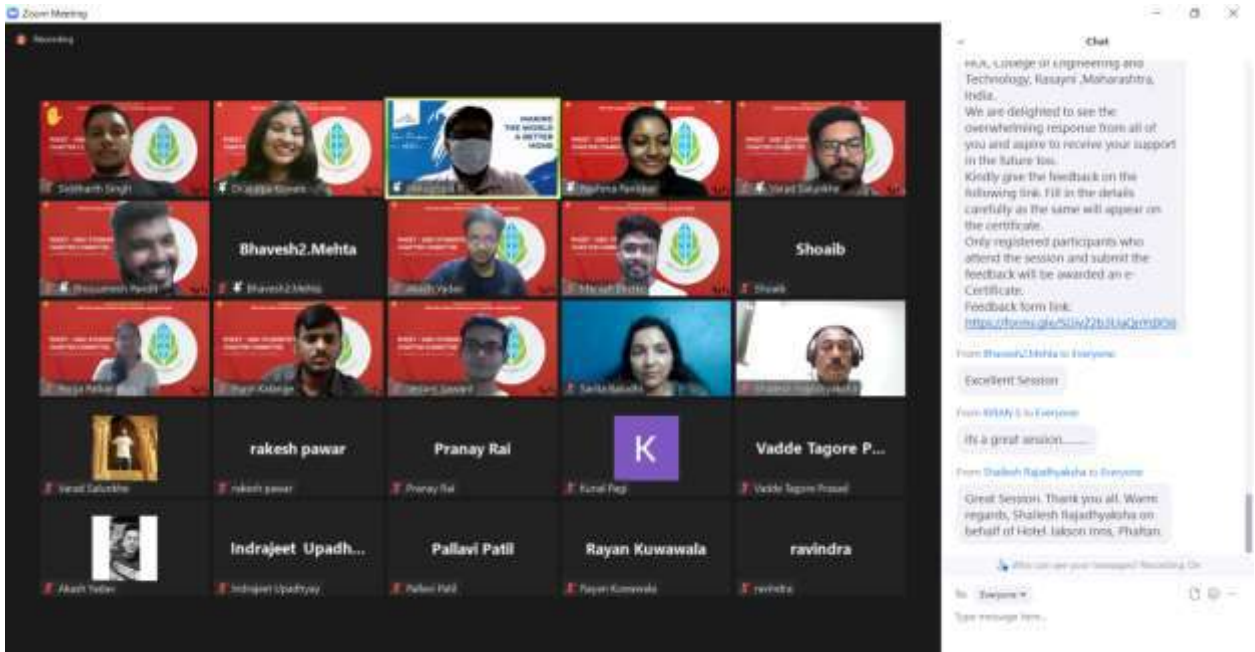


Technical session by **Mr. Venugopal.R** on "Energy Efficient Glasses" explaining SHGC & U value in ECBC 2017

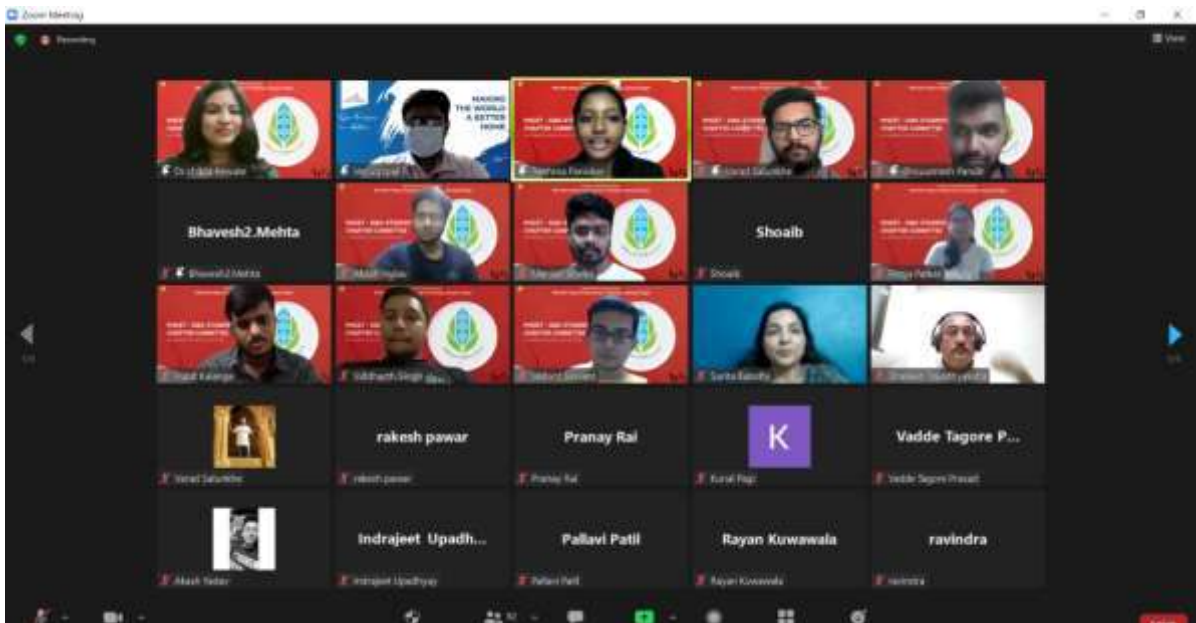


Participants/Attendees of Webinar on "Energy Efficiency Glasses"

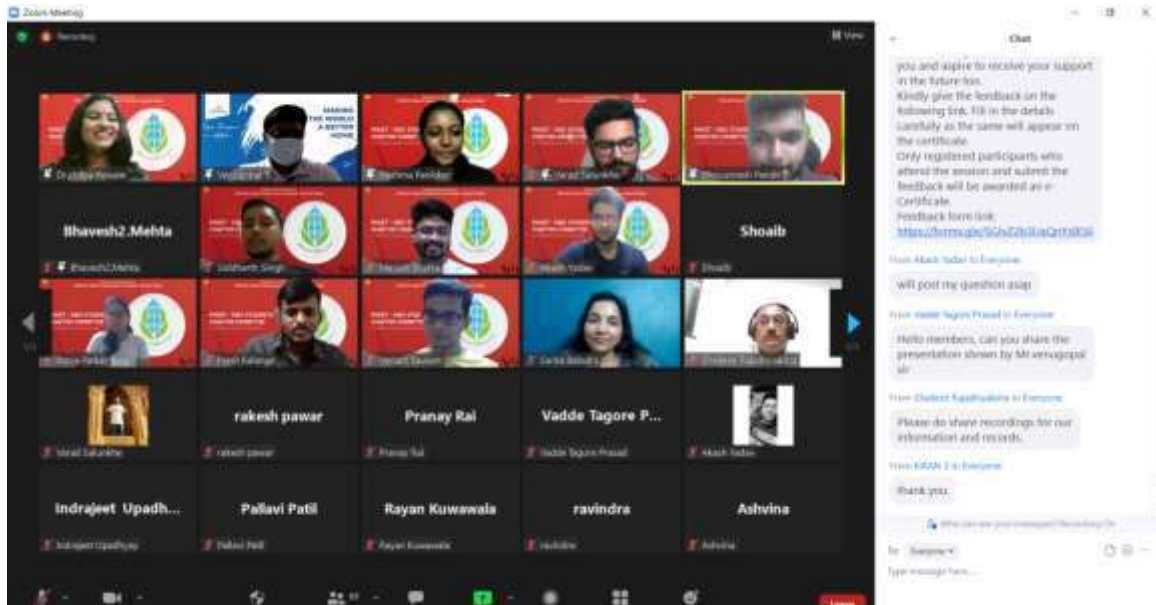




Question & Answer session of **WEBINAR** on " **Energy Efficiency Glasses** " where all the questions asked by the participants were gently answered by the speaker.



Dr. Shilpa Kewate, the convener, gave a vote of thanks and appreciated all of the participants for joining.



The participants praised the Students' chapter committee members of "**Indian Green Building Council (IGBC)**" and the Convener **Dr. Shilpa Kewate** for organizing such a fantastic event.

Mahatma Education Society's

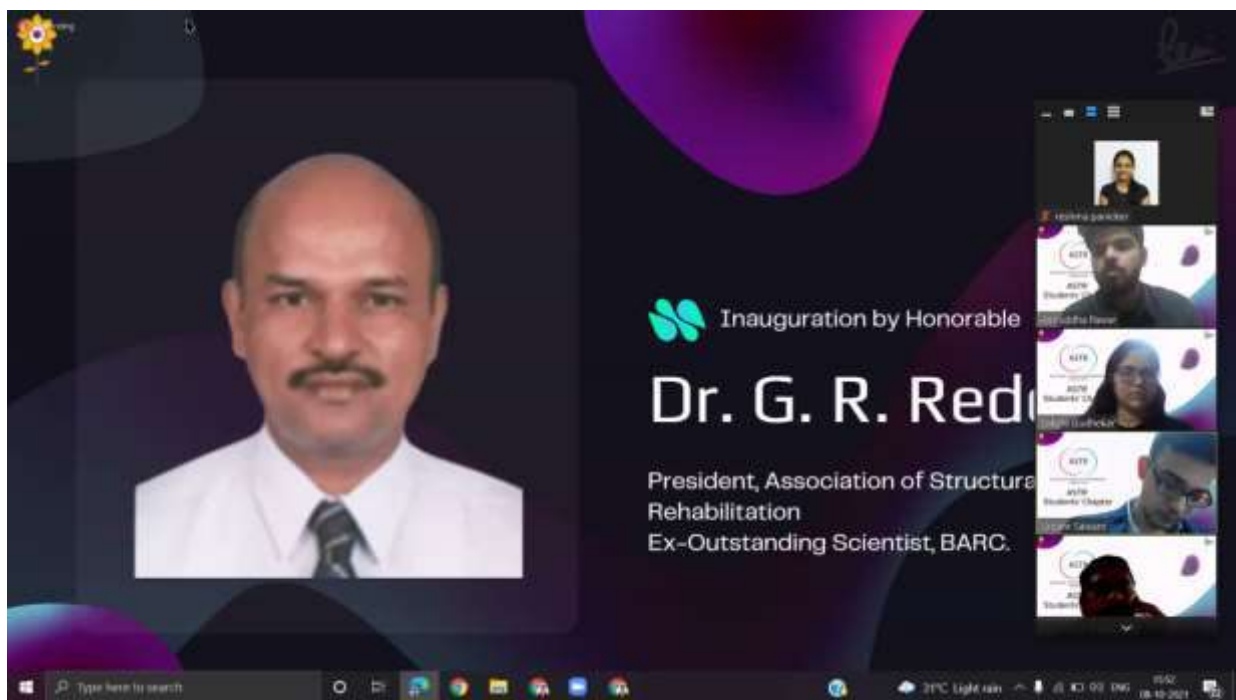
**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Civil Engineering

### **Association of Structural Rehabilitation (ASTR) Student's Chapter Virtual Inauguration-cum-Webinar**

The Virtual Inauguration-cum-Webinar of ASTR Student's Chapter was held on 8<sup>th</sup> October, 2021 at 3pm. The meeting began with a prayer and the introduction of all the chief guests. The Principal of PHCET, Dr. J W Bakal and Head of Civil Department Mr. Raju Narwade gave their respective speech on the background of PHCET. The president of ASTR Mr. Vedant sawant introduced all the members of ASTR students' chapter to the chief guests and gave a speech on the events conducted by ASTR students' chapter till then. Dr Gopal Rai (General Secretary, ASTR) gave the webinar on "New Dimension to Structural Rehabilitation as future profession." The virtual inauguration of ASTR students' chapter was done by Dr. G.R.Reddy (President, ASTR). The meeting came to an end with a Vote of Thanks by secretary of ASTR students' chapter Miss Anjali Sharma. It was a very informative session and many positive feedbacks were received.

Faculty Coordinators: Ms. Steffi Stephen & Ms. Ashwini P



Zoom Meeting    You are currently viewing Speaker's screen    View Options

Introduction about the speaker

# Dr. Gopal Rai

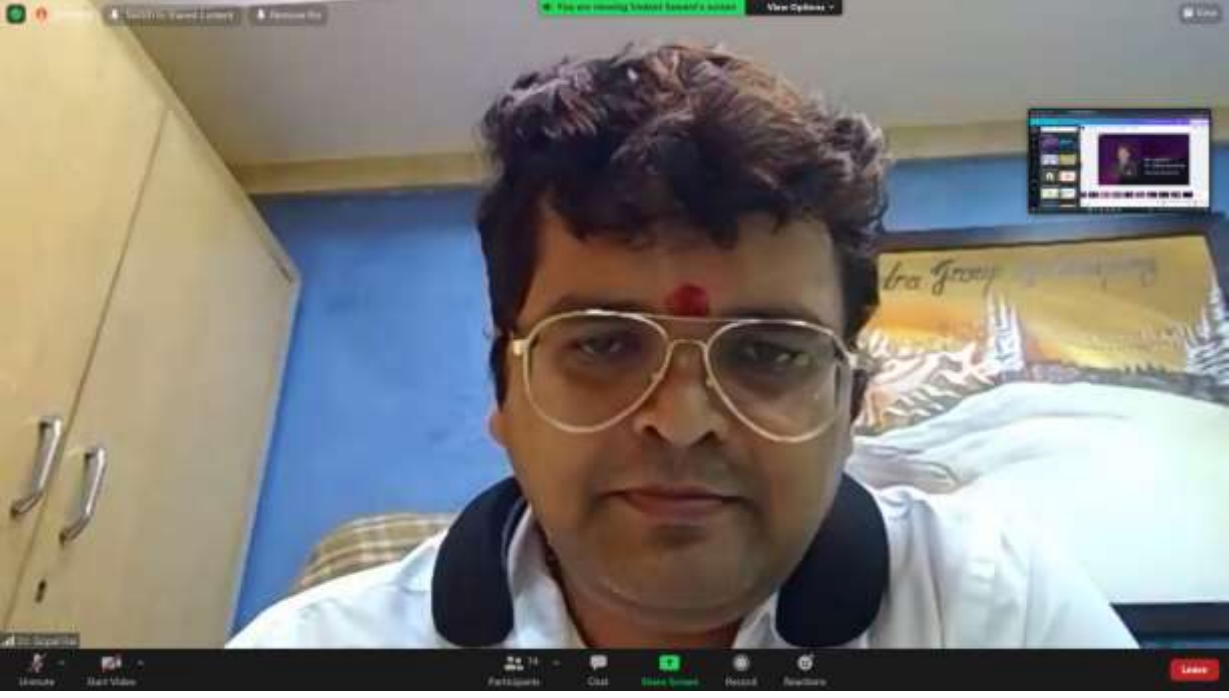
General Secretary, Association of Structural Rehabilitation  
CEO, Dhirendra Group of Company

Dr. Gopal Rai completed his Ph. D. on the topic External Prestressing Using Carbon Fibre Composite and also on topic Instantaneous and Long-Term Performance Beam and Joints from IIT Bombay



The top screenshot shows a Zoom meeting interface. On the left, a slide titled 'Introduction about the speaker' features a green leaf icon and the name 'Dr. Gopal Rai' in large white text. Below the name, his title 'General Secretary, Association of Structural Rehabilitation' and 'CEO, Dhirendra Group of Company' are listed. A paragraph of text describes his Ph.D. research. On the right, a gallery view shows several participants, including a woman in a white top, a woman with glasses, and a man in a blue shirt. The Zoom control bar at the bottom includes icons for Mute, Stop Video, Participants (14), Chat, Share Screen, Record, and Reactions, along with a red 'Leave' button.

Zoom Meeting    You are currently viewing Speaker's screen    View Options



The bottom screenshot shows a close-up video of Dr. Gopal Rai. He is wearing a white shirt with a dark collar and glasses. He has a red tilak on his forehead. In the background, a computer monitor displays a presentation slide with the text 'Dhirendra Group' and an image of a bridge. The Zoom control bar at the bottom is identical to the one in the top screenshot.





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology, Rasayani**  
 Department of Civil Engineering  
**Association of Structural Rehabilitation (ASTR) Students' Chapter**

**Webinar on “The Journey of Structural Engineer”**

**A**

**RESOURCE PERSON**  
**Mr. Deshp V. B.**  
**Structural Engineer**  
**MITRA CORPS**

The webinar will be conducted online on Zoom platform. For any queries or more information, please feel free to contact: Ms. Punita Kalange (+919967146112)

**Topic:-**  
**CONCEPTS OF STRUCTURAL ENGINEERING**

**Register and book your seats Now!!!**

Date: September 24th, 2021  
 Time: 4 PM onwards  
 Registration Link: <https://www.zoom.us/j/92010244202>  
 Zoom meet link: <https://www.zoom.us/j/92010244202>

**JOIN NOW**

**General Guidelines:-**

- ➔ Click on the "Register Now" button to open the registration form.
- ➔ The session will be of 2 hours including discussion.
- ➔ The session will be conducted via online mode using Zoom.
- ➔ You will receive the meeting link via email. Link for the meeting is also given in the "Join" button.
- ➔ E-certificates will be provided to those participants who satisfy attendance criteria.
- ➔ Participants are requested to join 5 minutes prior to the webinar timing.

**Ms. Punita Kalange**  
 Executive Coordinator  
 (9967146112)

**Prof. H. P. Narasimha**  
 H. P. Narasimha@mitracorps.com  
 (Head, Department of Civil Engineering)

**Mr. Venkateshwararao**  
 V. Venkateshwararao@mitracorps.com  
 (President)

**Mr. Srinivas J. S.**  
 S. Srinivas@mitracorps.com  
 (Faculty Coordinator)

**Mrs. Anjali Sharma**  
 Anjali@mitracorps.com  
 (Secretary)

t's Chapter in association with Department of Civil Engineering, organized an international symposium on 24<sup>th</sup> September, 2021 at 4pm. The webinar began with a prayer and the introduction of the speaker. Sakshi Gudhekar briefed about the chapter followed by the welcome address by Prof. Steffi Stephen. The speaker, Mr. Deelip V B, gave his overall progress as a structural engineer and information about himself as the session started. The speaker made the students attempt a basic test on the structural analysis prior and after the talk to assess the effectiveness of the lecture for the students. It was a very informative session as many positive feedbacks were received.

Zoom Meeting

The top window shows a Zoom meeting in progress. A video of a man with a beard and a white shirt is the central focus. Above the video is a toolbar with icons for back, mute, video off, chat, and forward. To the right, a chat window is open, displaying a list of messages from various participants. The messages include feedback comments such as "discuss about static n dynamic load", "very useful", "very informative", and "sk the concepts are cleared now". A URL for a feedback form is also visible in the chat.

Chat

From sapthi@stps to Everyone 02:03 PM  
discuss about static n dynamic load

From RISHI Kulk to Everyone 02:03 PM  
very useful

From Sapthi@stps to Everyone 02:03 PM  
very informative

From Aditya@stps to Everyone 02:03 PM  
sk the concepts are cleared now

From Shubham@stps to Everyone 02:03 PM  
if was very informative

From madhu@stps to Everyone 02:03 PM  
sk discuss about static n dynamic loading

From Abhishek to Everyone 02:02 PM  
<https://forms.gle/9K1HRAjg5t8K7H6W>

From Ajay Sharma to Everyone 02:04 PM

Feedback Form

To: Everyone

Type message here...

Zoom Meeting

The bottom window shows a Zoom meeting in gallery view. The main area is filled with a grid of participant video thumbnails. Some thumbnails show names like "Zoom user", "Pooja Patkar", and "Apurva Deshpande". Below the gallery is a toolbar with icons for mute, video off, chat, and other meeting controls. To the right, a chat window is open, displaying a message from "Ajay Sharma" thanking participants for attending and providing a feedback form link. The message also includes a sign-off: "Best regards, Team PACEE 'ASTR Students' Chapter".

Participants (95)

Find a participant

Sakshi Gulshan (Co-Post. rep) 16: 20

Suraj Singh (Host) 16: 20

Abhishek (Co-Post) 15: 20

Ajay Sharma (Co-Post) 16: 20

Mahesh Patil (Co-Post) 16: 20

More

Chat

From Ajay Sharma to Everyone

thank you for attending the session. Please give your valuable feedback by filling the form. Feedback form: <https://forms.gle/9wzLkK32W1H4p5Y7B>

Best regards,  
Team PACEE 'ASTR Students' Chapter

To: Everyone

Type message here...

06 **Webinar on "Agile Methodologies and Career Opportunities"**  
 COMP SEMINARS & WORKSHOPS, NEWS AND NOTIFICATIONS

PHCET Pillai HOC College of Engineering and Technology > Comp Seminars & Workshops > Webinar on "Agile Methodologies and Career Opportunities"

Computer Engineering Department has successfully conducted an Online Webinar on "Agile Methodologies and Career Opportunities" for students and faculty of PHCET.

<b>Date</b>	8th August, 2021
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Mr. Amit Umbarkar, Agile Delivery Lead, Wipro Digital, London, United Kingdom
<b>Coordinator</b>	Mr. Rahul Kapse and Ms. Neetu Pillai
<b>Department</b>	Computer Engineering

Mr. Amit is working as Agile Delivery Lead/Agile Coach and also plays various roles like Program Manager, Senior Scrum Master, Project Manager, Technical Lead, BA, Java Developer for Cloud Transformation, DevOps, AI/ML Java & Web. His proven leadership & facilitation skills enable him to mentor geographically distributed & co-located teams to become cross-functional & self-organized. He is expert at driving the adoption & entrenchment of Agile & Scrum Values based multi-million \$ projects.

Search:

Latest News

- Gold Medal in an Inter Collegiate Kolar Zone Boxing Tournament 2022
- Stark's Model 4.5
- Industry Visit to "CERTM MTR"

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## Learn Web Development using React JS

Presented by  
CSI PHCET Student Chapter

21st August 2021  
5:00PM  
Online

Share This Event On





CSI PHCET organized a workshop on Web Development using React Js which was held on 21st August 2021. The workshop was conducted by Rohan Shah who is a software developer with expertise in React, React native, Node.js, UI designing and Dev Ops. The number of



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## 24 Webinar on "Cybercrimes and Laws"

COMP SEMINARS & WORKSHOPS, NEWS AND NOTIFICATIONS

[PHCET Pillai HOC College of Engineering and Technology](#) > [Comp Seminars & Workshops](#) > [Webinar on "Cybercrimes and Laws"](#)

Cyber Security Club of Computer Engineering Department had successfully conducted an Online Webinar on "Cybercrimes and Laws" for students and faculty of PHCET.

<b>Date</b>	July 24, 2022
<b>Platform</b>	Zoom
<b>Resource Person</b>	Dr. Prashant S. Lokhande, Head of Training & Placement and Professor of Computer Engineering Department, Pillai College of Engineering.
<b>Coordinator</b>	Ms. Neetu Pillai
<b>Department</b>	Computer Engineering


Dr. Prashant S. Lokhande is Head of Training & Placement and also Professor of Computer Engineering Department, Pillai College of Engineering Parvati. Dr. Prashant Lokhande have delivered many expert talks on the topic of How to file patent, Copyright, Cyber security, online women security, Cybercrimes against common man, Online frauds, Netbanking frauds, Threats through social media etc. at various Schools, colleges, Ratriact Clubs, and delivered talks in UGC-MHRDC, Mumbai University programs.

**Latest News**

[Gold Medal in an Inter Collegiate Kokon Zone Boxing Tournament 2022](#)

[Starkers Motorsports 4.0](#)

[Industry Visit to "CETTM MTNL"](#)



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## Webinar on "Data Annotation"

Search Results

**Latest News**

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[Industry Visit to "CETTM MTNL"](#)

### 01 Webinar on "Data Annotation"

APRIL 1, 2022 / BY PHCETVC / COMP SEMINARS & WORKSHOPS, NEWS AND NOTIFICATIONS

Pillai HOC College of Engineering and Technology, Department of Computer Engineering & Artificial Intelligence and Data science Association (AIDA) organised a webinar on "Data Annotation" for students of PHCET on 1st April 2022 through the google meet platform. The lecture in the webinar was given by Ms. Kalyani Vedprathok, Data Tagger at Quantiphi. Various topics...

[Read More](#)

CSI PHCET

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DEPARTMENT OF COMPUTER ENGINEERING  
IN ASSOCIATION WITH  
CSI PHCET PRESENTS

**ON DEVICE MACHINE  
LEARNING USING  
TENSORFLOW LITE**

Presented by  
CSI PHCET Student Chapter

15th January 2022 (Saturday)  
4:00 PM onwards

Google Meet

Share This Event On

[f](#) [WhatsApp](#) [Twitter](#)

A hands-on workshop event called On Device Machine Learning Using Tensorflow Lite was organized by the CSI PHCET on 15th January

PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY  
199 4006 2015

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**05** Workshop on "Profile Building"  
MAY COMP SEMINARS & WORKSHOPS, NEWS AND NOTIFICATIONS

Pillai HOC College of Engineering and Technology > Camp Seminars & Workshops > Workshop on "Profile Building"

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Session on "Profile Building" for students of PHCET on 5th March, 2022. More than 30+ students have attended this webinar.

<b>Date</b>	5th March, 2022
<b>Platform</b>	Online Google Meet
<b>Resource Person</b>	Mr. Mohit Agawale
<b>Coordinator</b>	Ms. Shrutika Kharbogade
<b>Department</b>	Computer Engineering

Interviewing is an important step in the selection process of a company's placement. If done effectively, the interview enables the student to determine if an applicant's skills, experience and personality meet the job's requirements. It also helps the students assess whether an applicant would likely fit in with the corporate culture. In addition, preparing for an interview can help clarify a position's responsibilities.

Search

Latest News

- Gold Medal in an Inter Collegiate Kokon Zone Boxing Tournament 2022
- Stokers Month 4.0
- Industry Visit to "CETTM WTM"

Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

Department of Civil Engineering

International Symposium on

"Green concrete aggregates and Cementitious materials"

<b>Date</b>	<b>July 24, 2021</b>
<b>Platform</b>	<b>Zoom</b>
<b>Department</b>	<b>Civil engineering</b>
<b>Co-ordinator</b>	<b>Dr. Shilpa Pankaj Kewate</b>

The Student Chapter Committee of Indian Green Building Council (IGBC) at Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani, has conducted an international symposium on "Green concrete aggregates and Cementitious materials" on 24 July 2021, Saturday at 4:00pm IST.

Total 200 participants from Maharashtra, Karnataka, Tamilnadu, Gujarat, West Bengal, Madhya Pradesh, Uttar Pradesh, Kerala, Chhattisgarh, Andhra Pradesh, Jharkhand, and Rajasthan, Delhi had registered for this international symposium.

Green concrete mix design makes more effective use of the cement binder. Aggregates replace excess cement paste to give improved stability, less shrinkage and increase in strength & durability. Less cement also generates less heat of hydration. The objective of this international symposium was to focus on some important characteristics of "Green concrete aggregates and Cementitious materials".

Following are the details of the resource person.

Dr. Gilson Lomboy,  
D.ENG, PH.D., P.E, Assistant Professor  
Civil & Environmental Engineering  
Henry M. Rowan College of Engineering, Rowan University, Glassboro, New Jersey

The webinar was inaugurated with a virtual prayer and a lamp-lighting ceremony. Dr. Shilpa Kewate, convener, made the opening comments. She greeted the attendees and introduced the committee members. Welcome address was proposed by **Mr. Raju Narvade**, HOD of civil department of Pillai HOC College of engineering and technology, Rasayani.

The session was started by the keynote speaker Dr. Gilson Lomboy. He had briefly explained the key concepts of Green concrete aggregates and Cementitious materials, Characteristics of green aggregates, Stability of green concrete structures. The session concluded with an interactive session between the resource persons and the participants in which the queries of the participants were addressed satisfactorily.



**Mr.Raju Narwade**,HOD of civil department proposing welcome address to the participants

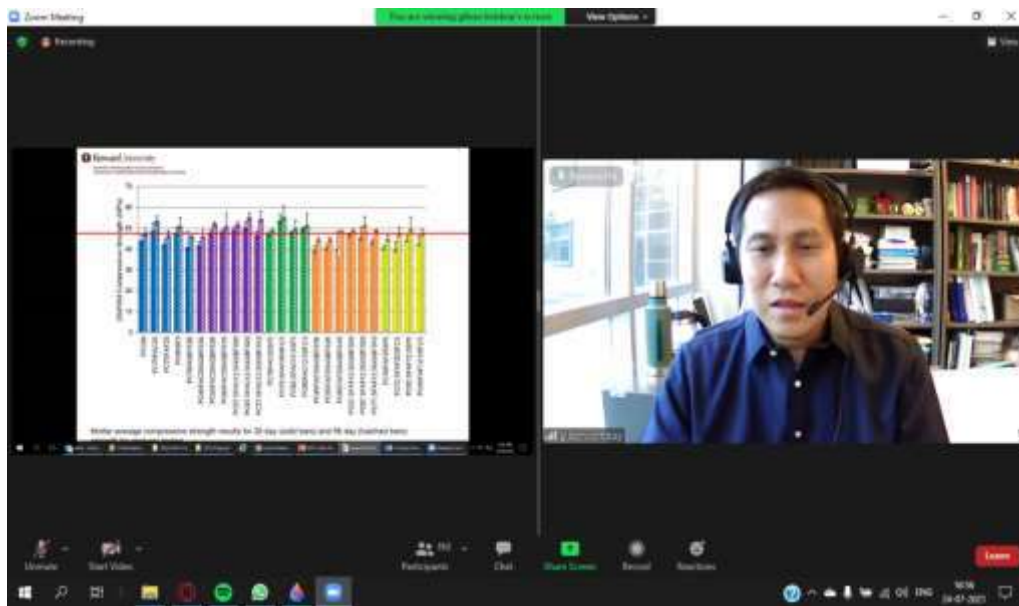


**Dr.Gilson Lomboy**, keynote speaker of the symposium

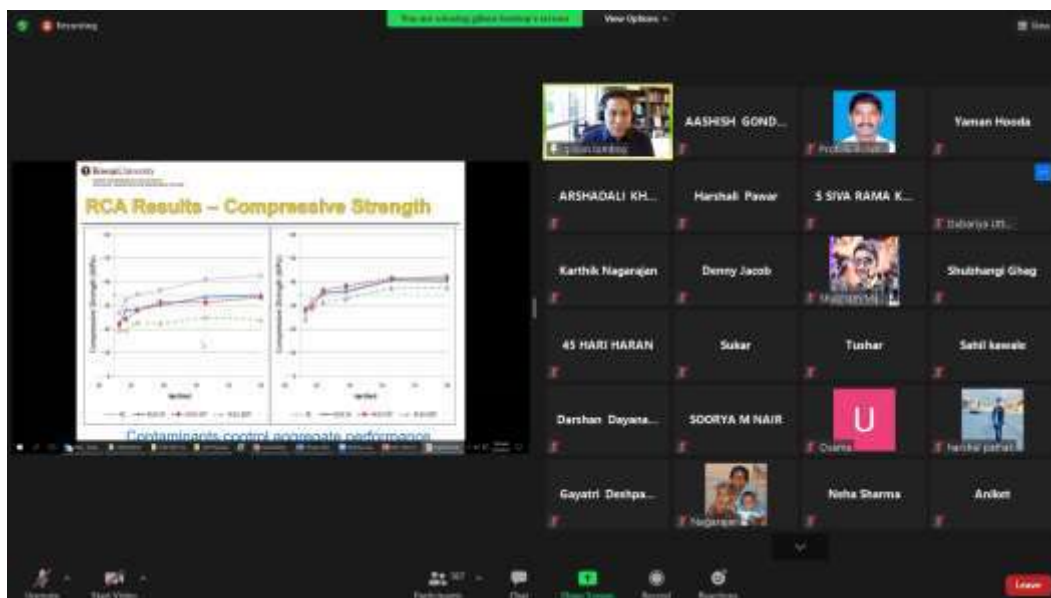




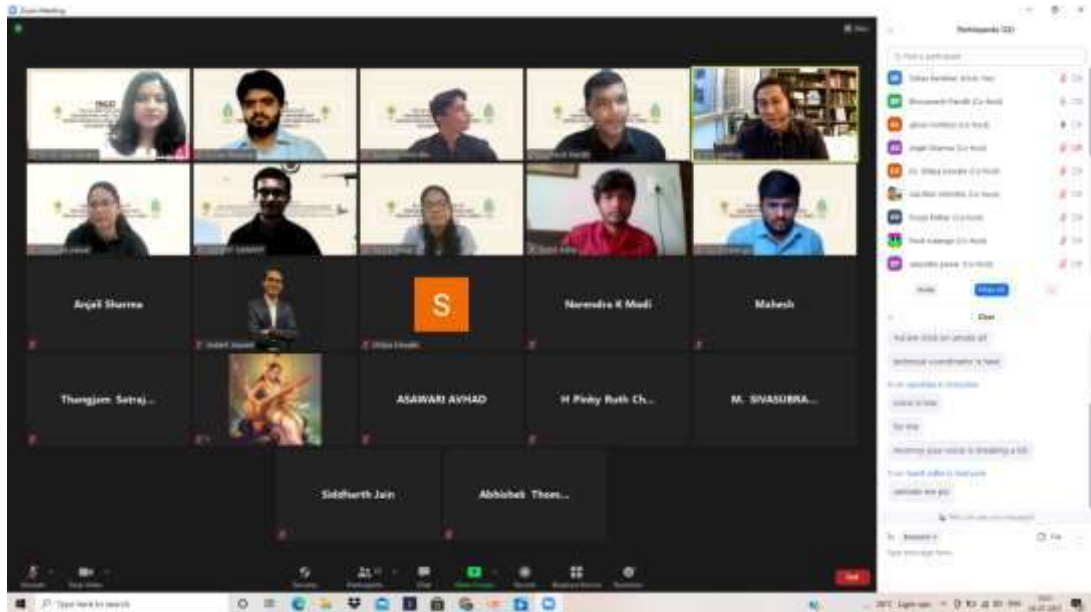
Technical session by **Dr.Gilson Lomboy** on "Green concrete aggregates and Cementitious materials"



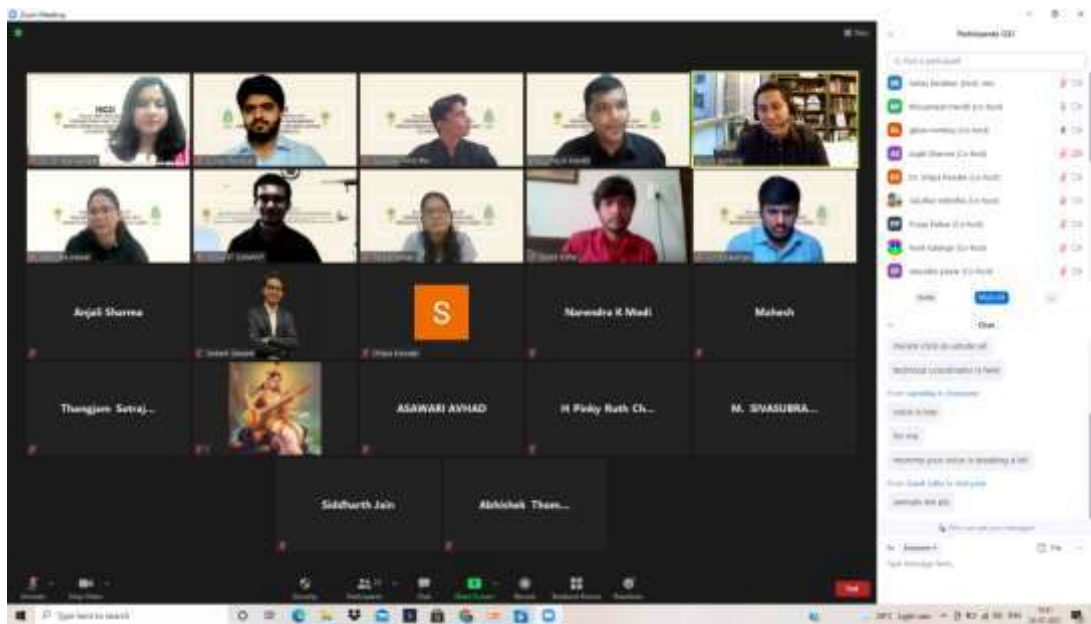
Technical session by **Dr.Gilson Lomboy** on "Green concrete aggregates and Cementitious materials"



**Dr.Gilson Lomboy** explaining RCA Results of Green concrete aggregates



Participants/Attendees of Webinar on "Green concrete aggregates and Cementitious materials"



Question Answer session of International Symposium on "Green concrete aggregates and Cementitious materials"



Dr. Shilpa Kewate, Presenting a vote of thanks



Students' chapter committee members of (IGBC)

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Computer Engineering

Computer Engineering Department had successfully conducted an Online Webinar on “Agile Methodologies and Career Opportunities” for students and faculty of PHCET.

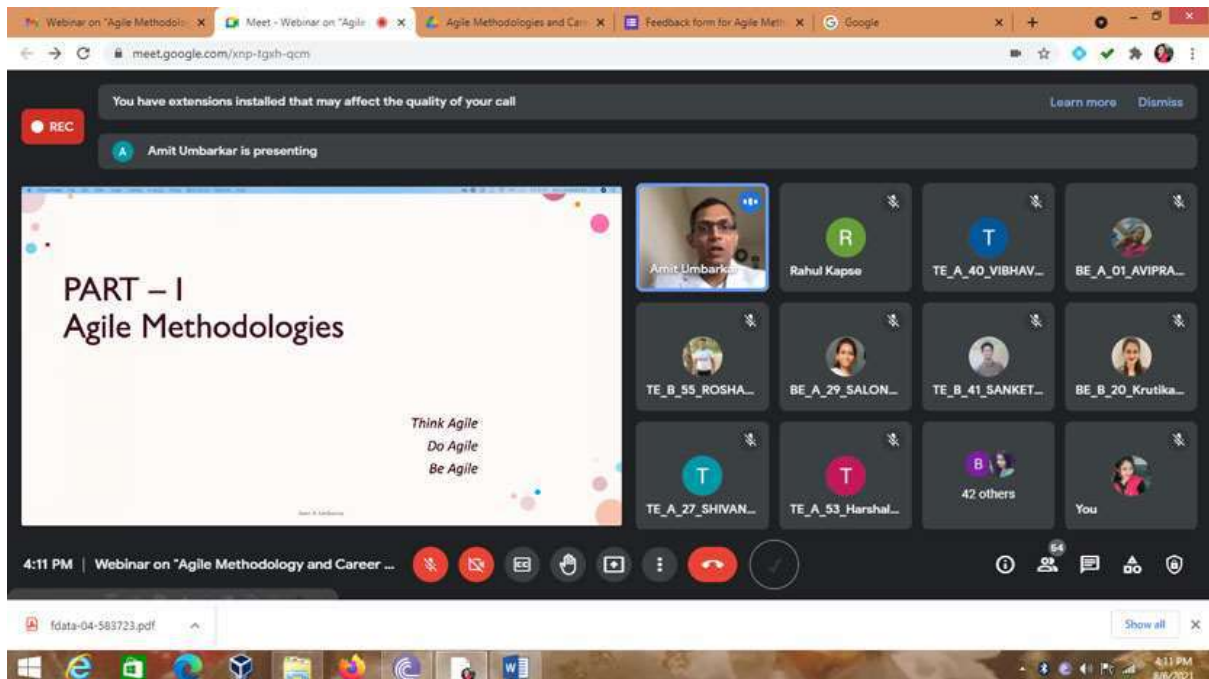
Date ; 6th August, 2021

Platform : Google Meet

Resource Person : Mr. Amit Umbarkar, Agile Delivery Lead, Wipro Digital, London, United Kingdom

Coordinator : Mr. Rahul Kapse and Ms. Neetu Pillai

Mr. Amit is working as Agile Delivery Lead/Agile Coach and also plays various roles like Program Manager, Senior Scrum Master, Project Manager, Technical Lead, BA, Java Developer for Cloud Transformation, DevOps, AEM Java & Web. His proven leadership & facilitation skills enable him to mentor geographically distributed & co-located teams to become cross functional & self-organized. He is expert at driving the adoption & enforcement of Agile & Scrum Values based multi-million \$ projects.





The screenshot shows a Google Meet window with a slide titled "Agile Frameworks". The slide content is as follows:

```

    graph TD
      Lean((Lean)) --- Kanban((Kanban))
      Lean --- Agile((Agile))
      Agile --- Scrum((Scrum))
      Agile --- Crystal((Crystal))
      Agile --- XP((XP))
      Agile --- FDD((FDD))
      Agile --- DSDM((DSDM))
  
```

The meeting interface includes a "REC" indicator, a notification about call quality, and a list of participants including Amit Umbarkar, Rahul Kapse, and several students (e.g., TE\_B\_55\_ROSHA, BE\_A\_29\_SALON).

The screenshot shows a Google Meet window with a slide titled "Why do we need Agile?". The slide content is as follows:

```

    graph LR
      subgraph Traditional_Iron_Triangle [Traditional Iron Triangle]
        S1[Scope] --- Q1[Quality] --- C1[Cost]
        Q1 --- S1
        C1 --- Q1
      end
      subgraph Agile_Triangle [Agile Triangle]
        S2[Scope] --- V[Value] --- C2[Constraints]
        V --- S2
        C2 --- V
      end
      Traditional_Iron_Triangle --> Agile_Triangle
  
```

The slide also includes text boxes: "Predictive, rewarded for providing illusion of control" and "Adaptive, Rewarded for delivering VALUE". The meeting interface shows a grid of participants and a presenter, Amit Umbarkar.

Total 54 students and faculty have participated the session. The expert commenced the session by explaining What is Agile Methodology, Agile Framework, Why do we need Agile, Who doesn't need agile, Agile Manifesto. He gave our students insights about how Scrum Framework works. He also told how XP practices complement Scrum. The expert explained difference between Waterfall model and Kanban Model. The main objective of the webinar was to make participants aware about agile methodology adopted in industry, Scrum process, Career Opportunities and certification available in agile field which participants understood by end of the session.

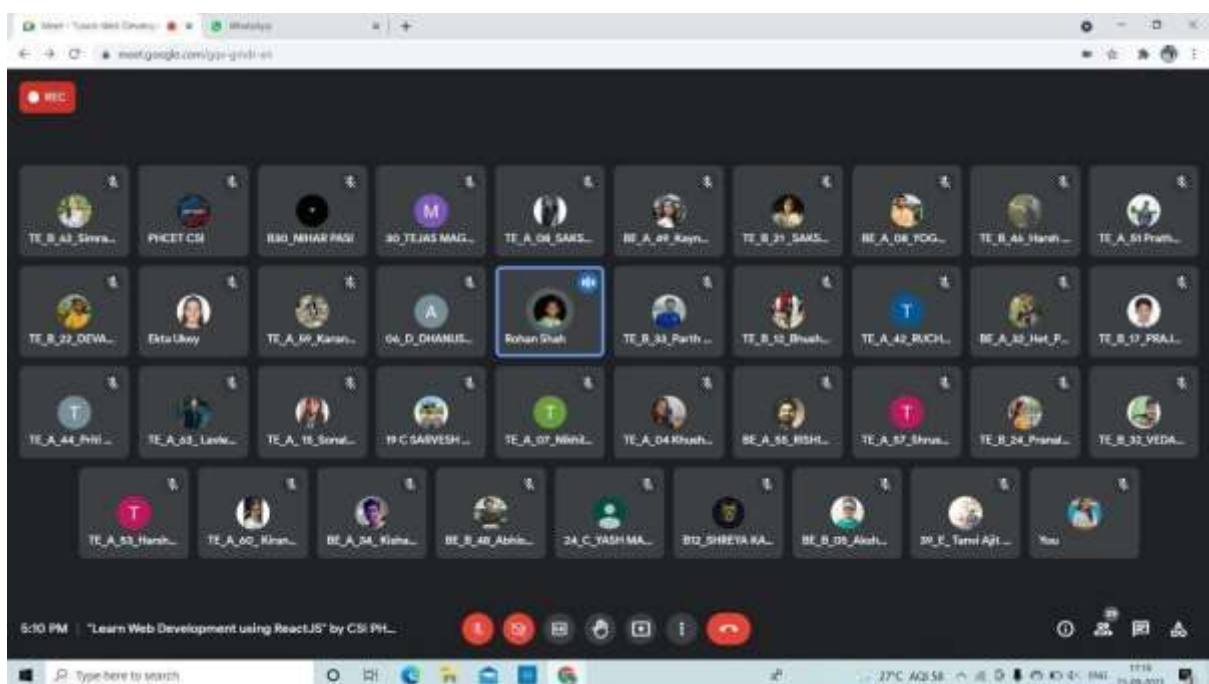
The session ended with Question Answer and vote of thanks by Mr. Rahul Kapse. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.

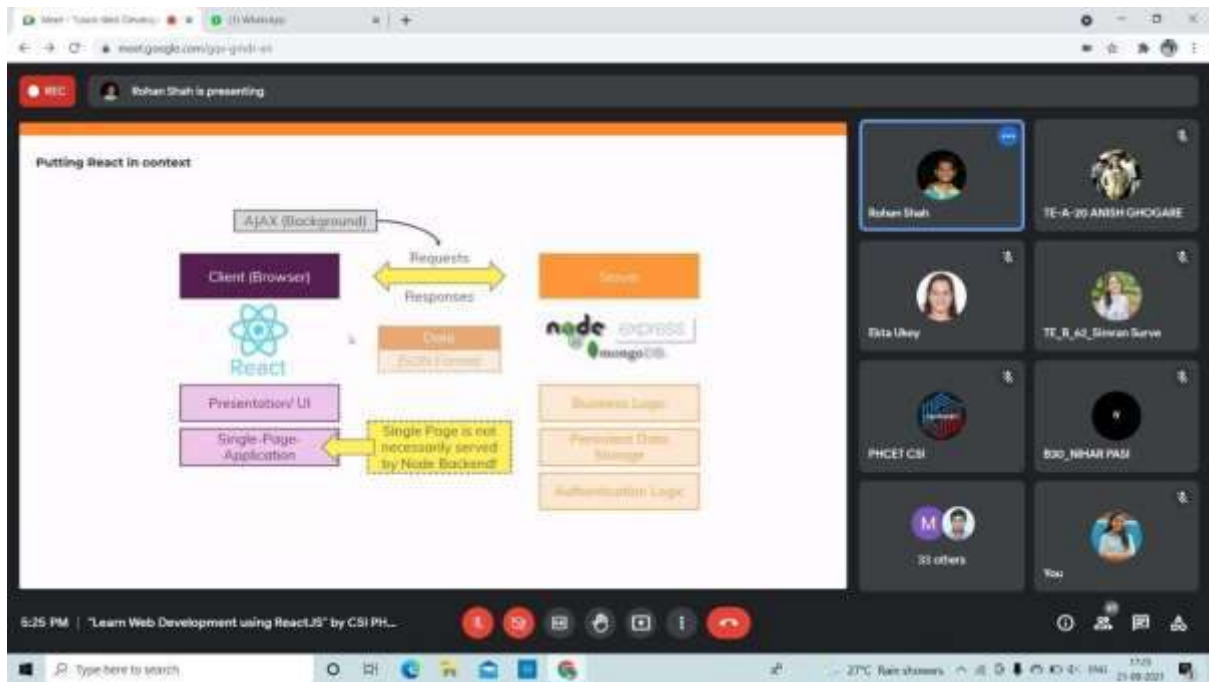
Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Computer Engineering

CSI PHCET organized a workshop on Web Development using React Js which was held on 21st August 2021. The workshop was conducted by Rohan Shah who is a software developer with expertise in React,React native,NodeJs,UI designing and Dev Ops. The number of attendees was 82. The event garnered tremendous interest among students. There is no doubt that it helped them learn a lot about Web development.





The topics that were covered are –

- React App Setup -
- Understanding Components and Modularity-
- React JS basics.-
- Life cycle methods and their usage.-
- React Router -
- Virtual DOM explained.
- ES6 and its functions
- Promises and async functions
- State management.
- Code debugging and documentation.

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Computer Engineering

A hands-on workshop event called On Device Machine Learning Using Tensorflow Lite was organized by the CSI PHCET on 15th January 2022. At the event, Mr. Sunit Roy served as the keynote speaker. He's a freelance software developer, Kolkata Twitter Developer community lead and one of the Google Summer of Code participants at Tensorflow.

In order to make the event engaging for students, we offered a fun, hands-on event where they could learn about Machine Learning using TensorFlow Lite.

meet.google.com/ejb-zwfp-ozg

REC Sunil Roy is presenting

# Contributions beyond Github!

- Answering Questions on Stackoverflow
- Writing Blogs in Medium and other platforms
- Creating Tutorials on Youtube
- Writing post about the tfLite community in Social Media platforms

5:28 PM | ejb-zwfp-ozg

<p>Workstations, Desktops, Servers, Cloud</p> <p><b>TF</b></p>	<p>Android &amp; iOS</p> <p><b>TFLite</b></p>	<p>Embedded Linux Raspberry Pi, Edge TPU</p> <p>Microcontrollers and DSPs</p> <p><b>TFLite Micro</b></p>
--	---	--

Sunil Roy





The speaker shared plenty of valuable information with the audience, including tips and tricks. It was indeed an interactive session that offered many learning opportunities. As a final note, giveaway winners were also announced. Participants demonstrated a high level of energy at the event. They all appeared to have a great time.

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Session on “Profile Building” for students of PHCET on 5th March, 2022. More than 30+ students have attended this webinar.

Date : 5th March, 2022

Platform : Online Google Meet

Resource Person : Mr. Mohit Agarwal

Coordinator : Ms. Shrutika Khobragade

Interviewing is an important step in the selection process of a company's placement. If done effectively, the interview enables the student to determine if an applicant's skills, experience and personality meet the job's requirements. It also helps the students assess whether an applicant would likely fit in with the corporate culture. In addition, preparing for an interview can help clarify a position's responsibilities.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

Key Points:

- Preparation for aptitude test
- Preparation for technical test
- How to prepare a resume? Sample resume shown (Templates are not allowed)

- Free courses should be done and gave instructions of how and what to do
- Interview Tips
- Body Language
- Presentation skills
- How to make LinkedIn Profile
- Hands-on simple coding techniques
- How to apply for job except campus placement
- Importance of internship
- Discussed about behavior, manners and how to respect and act in public and professional

Event

Outcome:

The main outcome was

1. To make students aware of different aspects of placement
2. To take out the fear of Personal Interviews in them and help them attend Interviews more confidently.
3. To Bridge the gap that currently exists between the Industry and fresh professionals for recruitment purposes.
4. To make students aware about criteria of eligibility, how to prepare for aptitude test, how to develop communication skills, how to present themselves during interview
5. To encourage students to participate in cultural events to add attributes in their resumes.

Event

Feedback:

The webinar was well attended by the third year students. We received a good response from the students and also they gave very good feedback. All the concepts were explained clearly and doubts were also cleared. At the end of the workshop, Ms. Shrutika Khobragade (Faculty Coordinator) thanked HoDs, Faculty members, Management and participants for their active support for making the webinar successful.

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Electrical Engineering

**Webinar**

**On**

**“Industry Expectations From Fresh Electrical Engineers”** Date :

August 07, 2021

Platform : Google meet

Resource Person: Mr.S.K.Mahajan is Principal-Tata Power Skill Development Institute, Shahad

Coordinator : Ms. Supriya Shigwan

Department: Electrical Engineering

A webinar on “Industry Expectations From Fresh Electrical Engineers `` was organized by the Department of Electrical Engineering on 7th August, 2021. **Mr.S.K.Mahajan is** Principal, Tata Power Skill Development Institute, Shahad. He has vast experience in the field of Power Transmission & Distribution as well as Operations areas. He also teaches Electrical and employability related subjects. Total 70 students participated in the session.





The speaker explained about Resume preparation, Group discussion , HR Rounds, new Online Recruitment Process & resources available for preparation and many more. Guidelines were given for Online resources for interview preparations..He gave a checklist of do's and don'ts of answers of various questions asked during a personal interview. He also highlighted the importance of dress code (as per the requirement of the company).He gave insights about how to prepare oneself for an interview and to prepare responses to few likely asked questions like your strengths, weaknesses, accomplishments, goals, etc. This webinar was very informative and interactive. The students were able to know about the company's actual expectations from students and how students can prepare themselves for higher studies.

The session concluded with a question answer session. An online feedback form was sent to participants, positive feedback was received for the webinar and they suggested to organise more sessions like the same in the future. All the participants were provided with an E certificate.



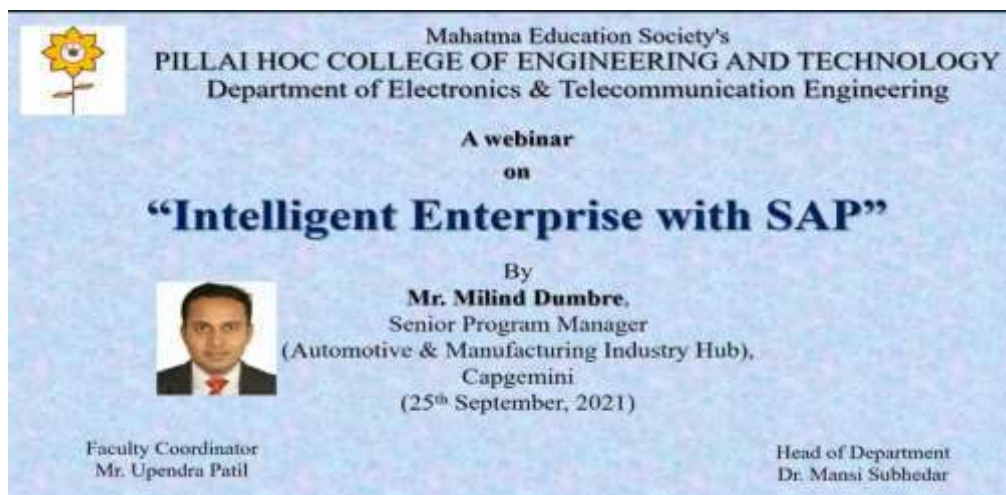
Mahatma Education Society's  
Pillai HOC College of Engineering & Technology  
Department of Electronics and Telecommunication Engineering

**Report on Webinar “Intelligent Enterprise with SAP”**

Department of Electronics and Telecommunication conducted webinar on “Intelligent Enterprise with SAP” on 25<sup>th</sup> September, 2021. Mr. Milind Dumbre, Senior Program Manager (Automotive & Manufacturing Industry Hub), Capgemini was a speaker of the webinar. Around forty students and nine faculty attended the webinar. Webinar was conducted on online platform ‘Google meet’. Webinar started at 4:00pm in the evening.

Mr. Milind Dumbre is responsible for developing and delivering SAP(Systems Applications and Products) based solutions for Automotive and Manufacturing industries. He also leads business process consulting platform in Capgemini’s ‘Global Centre of Excellence for Automotive and Manufacturing’. He has rich domain knowledge and global experience of working with Automotive OEM’s. He has more than 16 years of industrial experience including 12 years in SAP, process consulting and transformation.

In the beginning he explained concept of SAP. He also focused on the applications of SAP for enterprise resource planning. He interacted with students as well to solve their doubts. He also introduced opensource as well as paid software applications available to learn SAP. Webinar ended with question – answer session where Mr. Milind solved most of the doubts of students.



**Milind Dumbre**  
 Solution Architect - SAP S4HANA for Automotive and Manufacturing Industries  
 SME - Supply Chain Management

**Product Owner - SAP SCM Product**

Milind.dumbre@gmail.com

www.linkedin.com/in/milinddumbre

### Agenda

- 01 Introduction
- 02 Intelligent Enterprise Trends and disruptions
- 03 About SAP
- 04 Intelligent Enterprise with SAP
- 05 Intelligent Enterprise Case Studies
- 06 Learning Resources
- 07 Questions & Answers

MahatmaEducationSociety's  
**Pillai HOC College of Engineering and Technology,**  
**Rasayani**  
 Department of Electronics & Telecommunication Engineering  
**Webinar on "Network Penetration Testing"**

<b>Date</b>	25 <sup>th</sup> September 2021
<b>Theme</b>	Cyber Security
<b>Intended Audience:</b>	Students and faculty members

<b>Speaker</b>	Mr. Yogesh Hudale, Director, Telenetworks Technologies Pvt. Ltd.
<b>Faculty Coordinator</b>	Mr. Jayesh Rane

Department of Electronics & Telecommunication Engineering, Pillai HOC College of Engineering and Technology (PHCET), organised a webinar on “Network Penetration Testing” under Special Interest Group: Intelligent Systems and Telenetworks Technologies Pvt. Ltd. on September 25, 2021. Webinar coordinator, Mr. Jayesh Rane introduced speaker.

The speaker for webinar was Mr. Yogesh Hudale, Director, Telenetworks Technologies Pvt. Ltd. Speaker covered topics like identification of vulnerabilities within a network and, penetration test, vulnerability assessment and tools related to it. Speaker also demonstrated case studied by using various practical tools used for penetration testing.

Head, department of EXTC Engineering, Dr. Mansi Subhedar presented vote of thanks and informed students about internship and other opportunities available under the MOU between Telenetworks Technologies Pvt Ltd and PHCET.

Total 54 Faculty members and students attended this webinar. Webinar participation was free of cost and e-certificate was issued to the participants on successful completion of session.

Photo Gallery:

# A Webinar on "Network Penetration Testing"



by  
**Mr. Yogesh Hudale,**  
Director,  
**TeleNetworks Technologies Private Limited.**

(25<sup>th</sup> September, 2021)

Faculty Coordinator  
**Mr. Jayesh Rane**

Head of Department  
**Dr. Mansi Subhedar**



Department of Electronics & Telecommunication Engineering,  
Pillai HOC College of Engineering & Technology,  
Rasayani

The screenshot shows a Zoom meeting interface. On the left, a network diagram is displayed with three nodes: 'W10', 'kali' (IP: 192.168.29.143), and 'mitasplo' (IP: 192.168.29.143). These nodes are connected to a central box. The Zoom control bar at the bottom shows the time as 11:27 AM and the meeting ID as mct-stmu-gvh. The participant grid on the right includes Dr. Mansi Subhedar, Yogesh Hudale, MITHUN G NAIR, 71\_AWISHKAR VIC..., RUPAM MISHRA, O2\_Satoni Bhoir, 39 others, and You.

The screenshot shows a Zoom meeting interface with a slide titled "Goals of Security" on the left. The slide content is as follows:

## Goals of Security

- Availability is the third leg of the CIA triad. Availability means that when a legitimate user needs the information, it should be available.
- As an example, access to a backup facility 24/7 does not help if there are no updated backups from which to restore.
- Similarly, cloud storage is of no use if the cloud provider or network connections are down. Fault-tolerant systems can be used to ensure availability, and backups are another.
- Backups provide a copy of information should files and data be destroyed or otherwise be made unavailable because of equipment failure.

The Zoom control bar at the bottom shows the time as 10:45 AM and the meeting ID as mct-stmu-gvh. The participant grid on the right includes Yogesh Hudale, Jayesh Rane, Dr. Mansi Subhedar, RUPAM MISHRA, 71\_AWISHKAR VICHARE, T2\_SELF\_Oward Rounak, Pratik Mishra, 36 others, and You.



**Mahatma Education Society's**

**Pillai HOC College of Engineering & Technology, Rasayani**

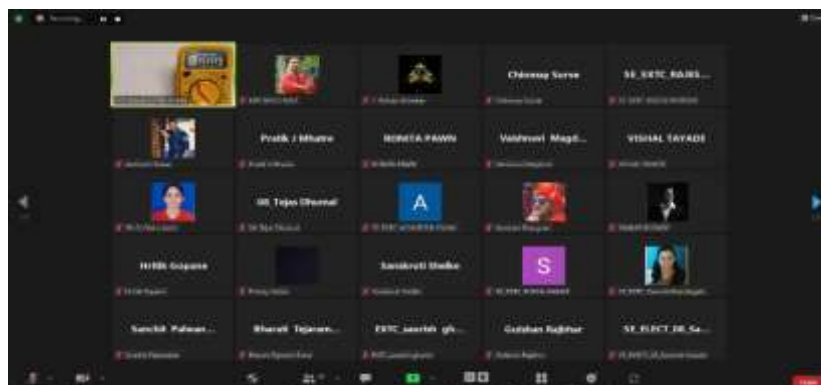
**Department of Electronics & Telecommunication Engineering**

**Workshop on "Future of Electronics as an Entrepreneur"**

A webinar on "Future of Electronics as an Entrepreneur" was organised under IETE Student Forum by the Department of Electronics and Telecommunication Engineering for SE, TE and BE students on 18th September, 2021. Mr. Sanjay Chaudhari, Director, Electronics Study Centre, Nashik was invited as guest speaker for this session.

The seminar started with a brief overview of various practical aspects in electronic Sector. Speaker explained various techniques to identify electronic components. A live demonstration of component testing was given by the speaker. Students found the session very informative. Some practical tricks for identifying components, its usage at appropriate place and its testing were delivered.

The QA part of the session was really fruitful as students took part actively and cleared their queries. Session ended with vote of thanks. Session feedback submitted by students has confirmed the effectiveness of the session. The webinar was coordinated by Mr. Pratik Mhatre.





Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Information Technology

**3 Day's Hands-On Workshop**

Department of Information Technology in Association with Sanket Mobile and Robotics Technologies, organized Three day's online Hands-on Workshop on " Android Application ".The workshop was organized from July 16-18, 2021 for faculty and Students of PHCET. Total 80 Faculty and students from various branches participated in this Workshop.

Date: July 16-18, 2021

Platform: Google Meet

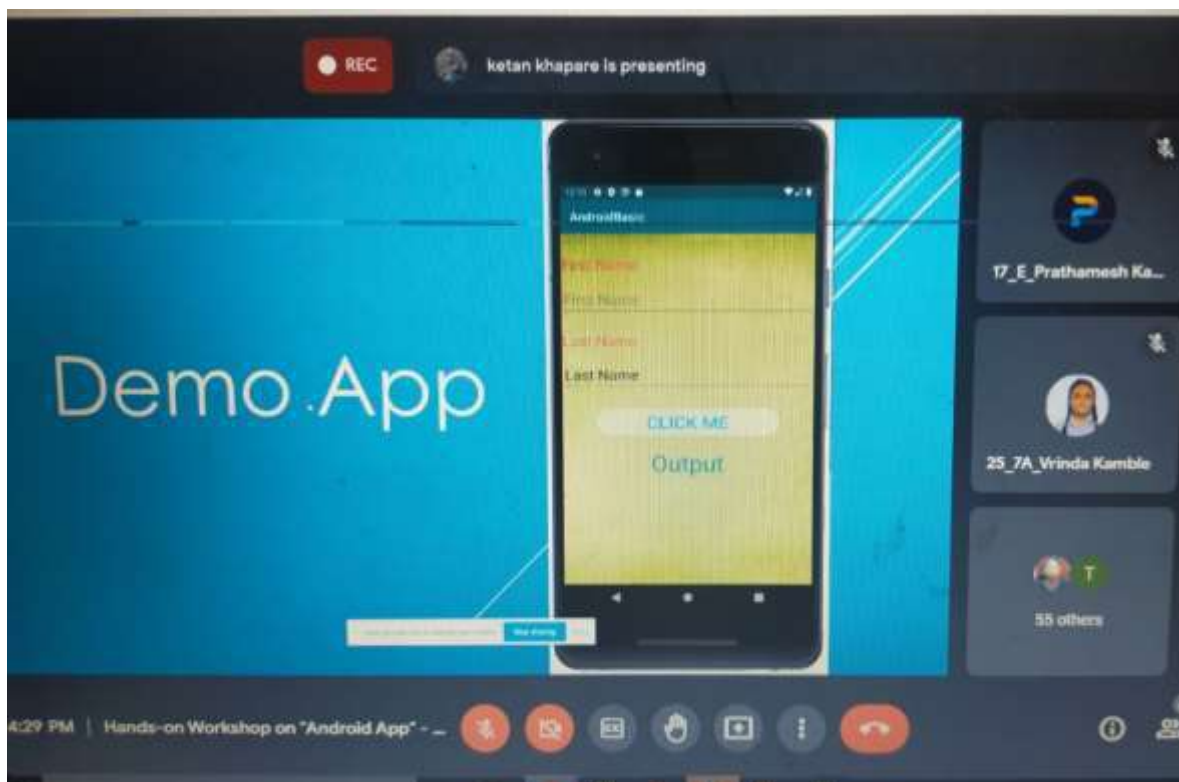
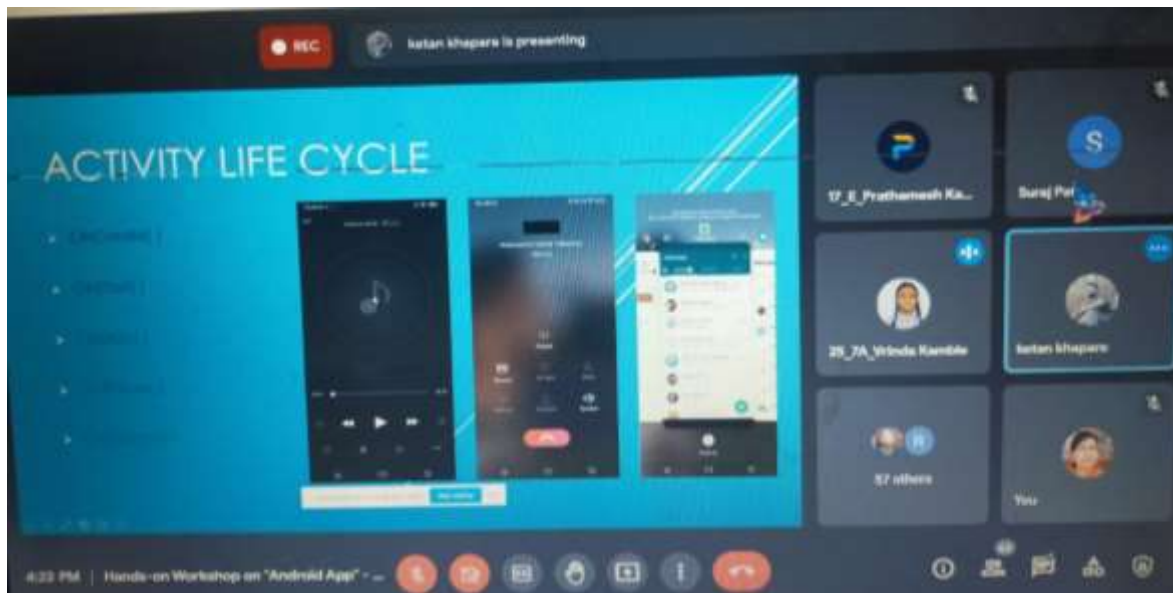
Resource Person:

1. Mr. Ketan Khapare, Project Manager, Sanket Mobile and Robotics Technologies, Thane.
2. **Ms A.Dhule**, Software Engineer, Sanket Mobile and Robotics Technologies,Thane.

Coordinator: Dr. Divya Y. Chirayil

**Workshop was focused and demonstrated in the following areas**

- Fundamental Android **UI** Design
- Designing different Layouts- Linear, Relative, Grid
- Inflating the Layouts, Menus
- Learning the **IPO** mechanism
- Exploring Views- TextView, EditText, Button, ImageView
- Creating Activities
- Activity Life Cycle
- The Activity-Layout-View Connect
- Java Returns - Data types, Variables, Modifiers, operators
- Designing Scrolling list views as in Gmail, WhatsApp, Facebook
- Audio Playback using Media Player



This talk was well received by faculty and students and they have highly benefited. The valuable exposure about the significance of building various Android App was demonstrated and helped our participants to develop interest in Android App and creating various Advanced Android Application. Positive feedback was received from participants and have shown their keen interest for future related activities.



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Information Technology

**Workshop on “Java Script”**

Department of Information Technology has organized **Workshop on “Java Script”**. The main objective of the workshop

The main objective of the workshop was to provide importance of javascript in Web Development.

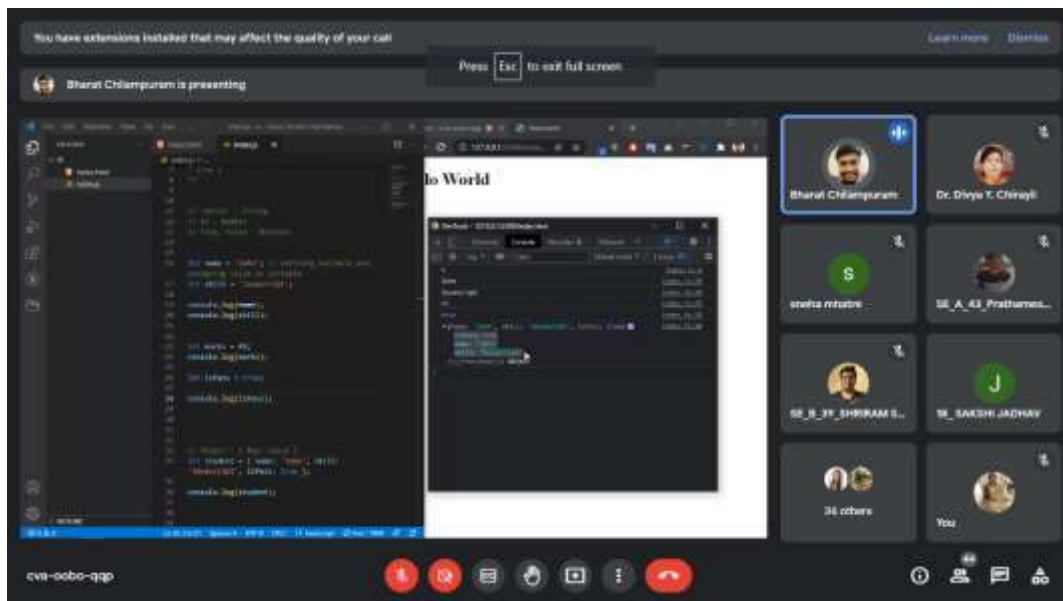
**Event Coordinator: Prof. Shamna Sadanand, Prof. Siddhesh Khanvilkar**

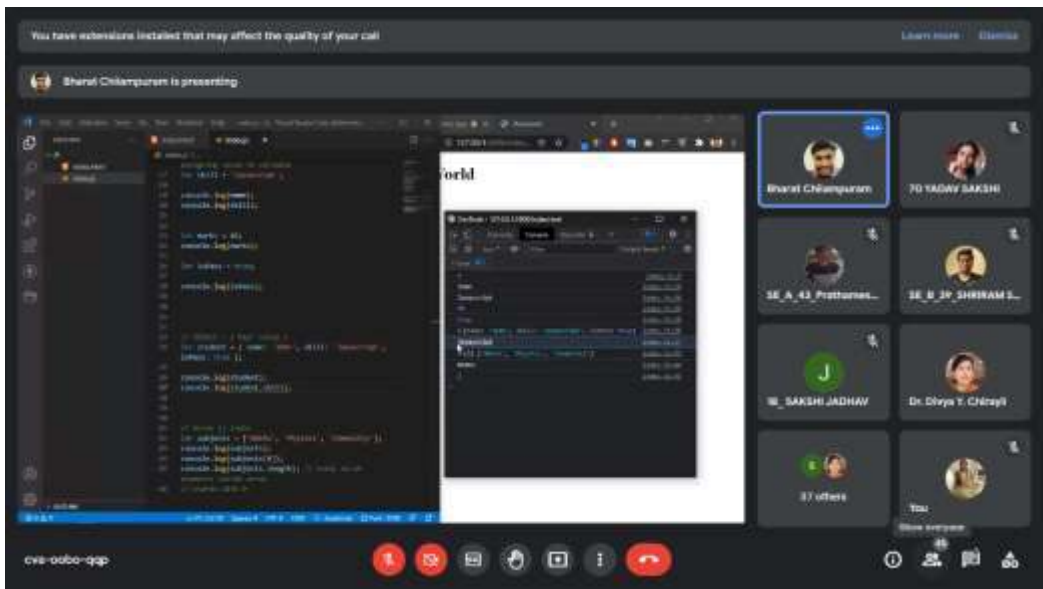
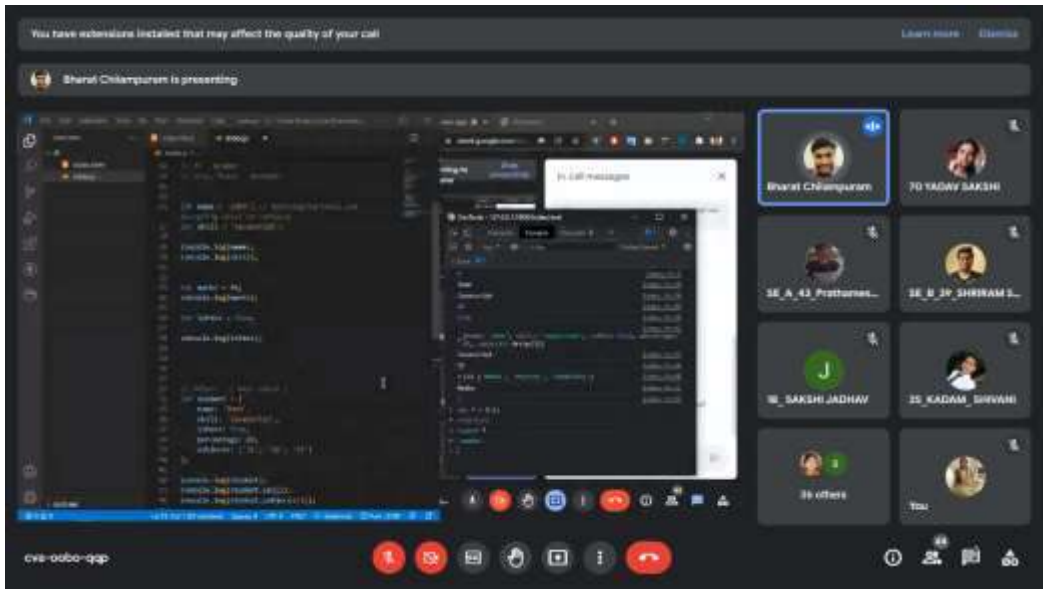
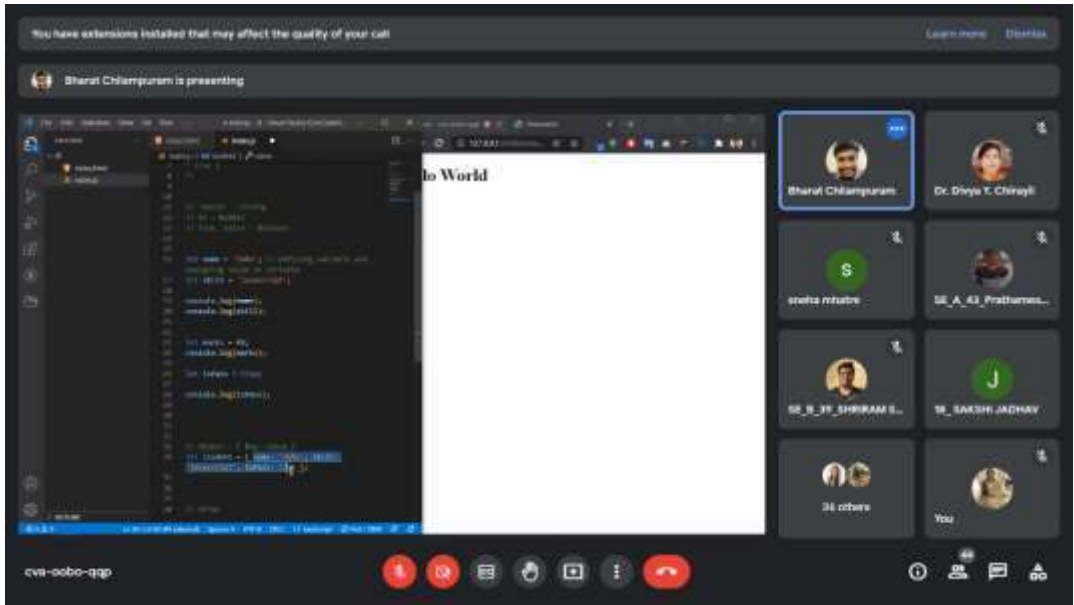
**Date : 5<sup>th</sup> February, 2022**

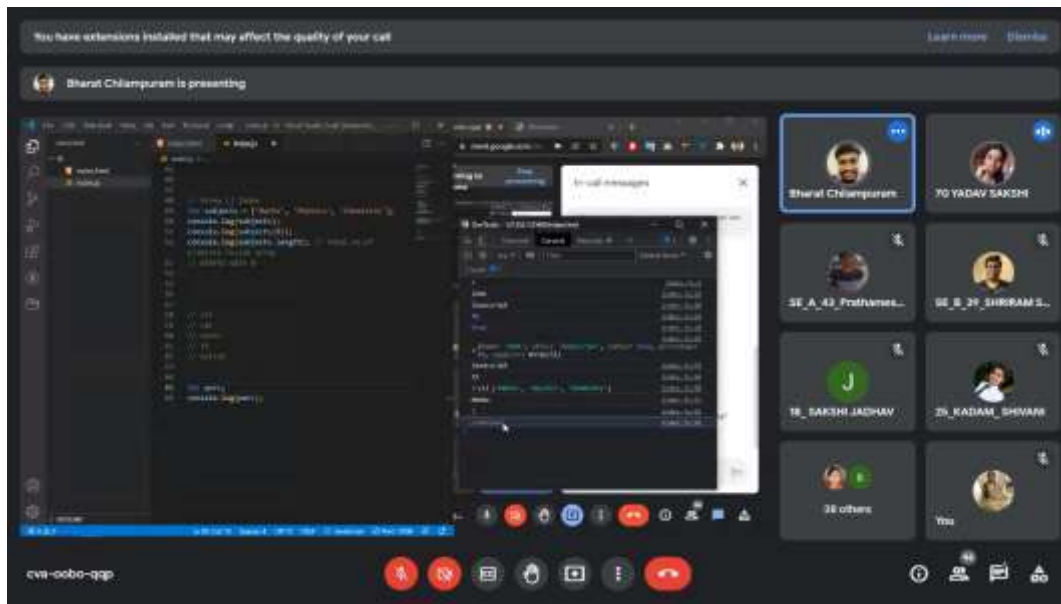
Event Name: Workshop on “Java Script”

**Name of the Speaker: Mr. Bharat Chillampuram, Full Stack Developer**

No .of Students Attended: 48







From this workshop students were able to understand JavaScript's fundamental programming concepts; the speaker also introduced key tools, libraries and frameworks that programmers use in everyday development. He also showed them how to handle data, control the flow of information in an application, and create custom events. Students also learned the differences between client-side and server-side JavaScript, and expanded their knowledge further by studying the different JavaScript development paradigms.

Certificates were given to all the participants after successful completion of the event.

Vote of Thanks was delivered by IT Department HOD **Dr. Divya Y. Chirayil, Associate Professor, PHCET**. She expressed her gratitude towards all for making this a successful event.

Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
 Department of Information Technology





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Webinar on “Interview Techniques”**

<b>Date</b>	14 August 2021
<b>Department</b>	Computer Engineering
<b>Resource person</b>	Mr. Amol Navthale, Technical Lead-Globant, Pune
<b>Coordinator</b>	Ms. Archana Arudkar/Ms. Babita Bhagat

The webinar on “Interview Techniques” was organized on Saturday, 14<sup>th</sup> August 2021 for students of the Computer Engineering Department at 10.00am by using the Zoom platform. The motto of this webinar was to give guidelines about ‘How to prepare for Interviews ’ and for Resume building. Mr. Amol emphasized on learning new technologies and doing certifications for those technologies. This will definitely be beneficial to the students for their placements. Total 50 students and 2 faculties attended the webinar actively. Ms. Archana Arudkar, ended the session with a vote of thanks. Feedback link was sent to the participants and e-certificate were mailed to their registered mail ids.



Webinar on Interview Techniques - Microsoft PowerPoint

1) Resume Preparation.  
2) Job Search : Job portal profiles, LinkedIn Profile.  
3) Target your dream company.  
4) Interview Preparation : Aptitude/Technical/GD preparation, Soft Skills.

B

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Ms. Archana A/Babita B  
Webinar Coordinator

Prof.Rohini Bhosale  
HOD



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

**Workshop on “Profile Building”**

**Date** March 05, 2022

**Platform** Online Google Meet

**Resource Person** Mr.Mohit Agarwal

**Coordinator** Ms.Shrutika Khobragade

**Department** Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Session on “**Profile Building**” for students of PHCET on 05<sup>th</sup> March, 2022. More than 30+ students have attended this webinar.

Interviewing is an important step in the selection process of a company's placement. If done effectively, the interview enables the student to determine if an applicant's skills, experience and personality meet the job's requirements. It also helps the students assess whether an applicant would likely fit in with the corporate culture. In addition, preparing for an interview can help clarify a position's responsibilities.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

**Key Points:**

- Preparation for aptitude test
- Preparation for technical test
- How to prepare a resume? Sample resume shown (Templates are not allowed)
- Free courses should be done and gave instructions of how and what to do
- Interview Tips
  - Body Language
  - Presentation skills
  - How to make LinkedIn Profile
  - Hands-on simple coding techniques
  - How to apply for job except campus placement
- Importance of internship
  - Discussed about behavior, manners and how to respect and act



in public and professional

### Event Outcome:

The main outcome was

1. To make students aware of different aspects of placement
2. To take out the fear of Personal Interviews in them and help them attend Interviews more confidently.
3. To Bridge the gap that currently exists between the Industry and fresh professionals for recruitment purposes.
4. To make students aware about criteria of eligibility, how to prepare for aptitude test, how to develop communication skills, how to present themselves during interview
5. To encourage students to participate in cultural events to add attributes in their resumes.

### Event Feedback:

The webinar was well attended by the third year students. We received a good response from the students and also they gave very good feedback. All the concepts were explained clearly and doubts were also cleared. At the end of the workshop, Ms. Shrutika Khobragade (Faculty Coordinator) thanked HoDs, Faculty members, Management and participants for their active support for making the webinar successful.

### Photos:





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Webinar on "DATA ANNOTATION"**

**Date** April 1, 2022

**Platform** Google Meet

**Resource Person** Ms. Kalyani Vedpathak ,Data Tagger at Quantiphi.

**Coordinator** Prof. Rahul Kapse

**Department** Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering & Artificial Intelligence and Data science Association (AIDA) organized a webinar on "**Data Annotation**" for students of PHCET on 1st April , 2022 through the google meet platform. The lecture in the webinar was given by Ms. Kalyani Vedpathak ,Data Tagger at Quantiphi.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

**Contents:**

- What is Data Annotation?
- Role of Data Annotation.
- Types of Data Annotation.
- Future scope.
- Applications of Data Annotation.

**Event Outcome:**

Ms. Kalyani Vedpathak has delivered a lecture on the topic "Data Annotation" . She spoke about the types and roles of the data annotation. She illustrated very useful information regarding the scope of data annotations. The discussion during the webinar contributed to a better understanding of the Data annotation.

**Event Feedback:**

We received a good response from the audience and also they gave very good feedback. The resource person thanked the organizers for arranging the live webinar. At the end of the webinar, Prof. Rahul Kapse (Faculty Coordinator) thanked the resource person, HoDs, Faculty members, Management and participants for their active support for making the programme successful.

**Photos:**

Pillai Mahatma Education Society's  
Pillai HOC College of Engineering and technology Rasayani  
DEPARTMENT OF COMPUTER ENGINEERING

**INAUGURATION  
OF  
ARTIFICIAL INTELLIGENCE &  
DATA SCIENCE ASSOCIATION  
(AIDA)**

**SESSION ON  
DATA  
ANNOTATION**

**Speaker**  
**Ms. Kalyani Vedpathak**  
Data Tagger at Quantiphi

**Date: 1 April 2022  
Time: 2:45pm to 3:45pm  
Venue: Conclave-1**

**@aidaassociation**  
Contact No. 7219679006 Faculty Co-ordinator: Mr. Rahul Kapse

:















Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

**Title of Event : “A Hands-on Workshop on Digital Forensics”**

**Date of Event : 29.03.2022**

**Mode : Offline (B405 Lab)**

**Speaker : Mr. Gaurav Sharma**

The Department of Computer Engineering organized a hands-on workshop on digital forensics for students of the computer department. The program started with a warm welcome of Mr. Gaurav Sharma. After the warm welcome, Mr. Gaurav Sharma conducted the workshop and students performed the activities by downloading, installing, and using various free forensics tools. Ms. Rohini Bhosale, HoD of Computer Engineering, has enlightened the students about careers in cybersecurity.







## **Computer based models for Design for Additive Manufacturing 3D Printing**

Event Date: 30<sup>th</sup> April 2022

Mode of Conduct: Physical

Theme: Interaction with an expert

Organizers: Dr. R.C. Prasad, Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Dr. Amitava De, Professor, Department of Mechanical Engineering, IIT**

### **Bombay**

No of Students Participated: 72

No of Faculty Participated: 12

Expenditure: Nil

Social Media Link:

Description: The session started with welcome of resource person and Principal, J. W. Bakal. Then Prof. R.C. Prasad introduced resource person to all audience and then talk was delivered by Prof. Amitava De who is Professor at IIT Bombay in Mechanical Engineering Dept. He gave insights additive manufacturing /3D printing and their computer based models. He shared his all experience with students. Session ended with briefing by Prof. R.C. Prasad followed by vote of thanks.



**Dr. R.C. Prasad, Felicitating resource person Prof. Amitava De.**







MAHATMA EDUCATION SOCIETY'S

**Pillai HOC College of Engineering & Technology, Rasayani**

ACCREDITED WITH 'A' GRADE BY NAAC IN FIRST CYCLE 2019  
AND RE-ACCREDITED BY NBA FOR MECHANICAL AND COMPUTER ENGINEERING 2020



**IIC in association with IQAC, PHCET**



Presents an expert talk on

**Computer based models for Design for Additive Manufacturing 3D Printing**

**On: Saturday,  
30th APRIL, 2022  
11:00 AM to 12:00 NOON**



Speaker

**Dr. Amitava De,  
Professor, Department of Mechanical Engineering, IIT Bombay**

**Dr. Gajendra V Patil**  
Convener, IIC &  
Mechanical Engineering,  
PHCET, Rasayani

**Dr. R.C. Prasad**  
President, IIC & Professor,  
Mechanical Engineering,  
PHCET, Rasayani

**Dr. J.W. Bakal**  
Principal  
PHCET, Rasayani



## **Intellectual Property Rights (IPR) Awareness Program**

Event Date: 09<sup>th</sup> February 2022

Mode of Conduct: Online / Offline

Theme: IPR

Organizers: PHCET, Rasayani

Speakers:

**Mr. Anshul Verma, PhD, Group A Gazetted, Class-1 officer under Ministry of Commerce > and industry, at Indian Patent Office.**

**Mr. Pratik Hendre, Group A Gazetted, Class-1 officer under Ministry of Commerce > and industry, at Indian Patent Office.**

No of Students Participated: 53

No of Faculty Participated: 13

Social Media Link:

Description: The webinar started with welcome of all speakers by Dr. Gajendra Patil, Head of Mechanical Engineering Department. Then he introduced speakers to all participants. Then initially talk. He gave insights on IPR and its different types. He also explained the procedure about patent filing process in India along with applicable fees. Then Pratik Hendre delivered the session followed by question answer session. Then session ended with vote of thanks by Head of Department Dr. G.V. Patil. Then feedback link shared with all participants and certificates issued to all eligible participants.













MAHATMA EDUCATION SOCIETY'S

**Pillai HOC College of Engineering & Technology, Rasayani**

ACCREDITED WITH 'A' GRADE BY NAAC IN FIRST CYCLE 2019

AND RE-ACCREDITED BY NBA FOR MECHANICAL AND COMPUTER ENGINEERING 2020



## IIC at PHCET



Presents a webinar on

## Intellectual Property Rights (IPRs) Awareness Program

**On: Wednesday,  
09th February, 2022  
Time: 11:30 AM  
ONLINE/OFFLINE**



Click the icon  
for  
Zoom Link



**Mr. Anshul Verma**

Group A-Gazetted Class-1 officer  
under Ministry of Commerce and  
Industry at Indian Patent Office



**Mr. Pratik Hendre**

Group A-Gazetted Class-1 officer  
under Ministry of Commerce and  
Industry at Indian Patent Office

**Dr. Gajendra Patil**  
Convener, IIC & HOD  
Mechanical Engineering,  
PHCET Rasayani

**Dr. R.C. Prasad**  
President, IIC & Professor  
Mechanical Engineering,  
PHCET Rasayani

**Dr. Jagdish W. Bakal**  
Principal  
PHCET Rasayani





## **My story- Motivational Session by Successful Entrepreneur Start-up founder**

Event Date: 16<sup>th</sup> December 2021

Mode of Conduct: Physical

Theme: Interaction with an Entrepreneur

Organizers: Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Maruti Pawar, Managing Director, Amptronics Techno Pvt. Ltd.**

No of Students Participated: 40

No of Faculty Participated: 12

Expenditure: Nil

Social Media Link:

**Bio-data of Speaker:** Biodata of the Speaker : Maruti Babu Pawar, aged 57 years old, born in village in poor agriculturist family (DOB 08.08.1964). Due to not having financial support from parents, with the hard work and sincerity got a small job and completed education up to engineering from the salary income. Since 1984, he worked in various companies for about 20 years in different posts - Supervisor to General Manager. During the period of service with various Company's, got experience in various fields like process automation, Steel Plants MSS Converter working, Maintenance work, Electricals, Instruments etc. After getting sufficient experience, being qualified and hardworking nature, from the year 2004, decided to start own activity. At the beginning, started consultancy services & repairing work, etc. Slowly got purchase orders from Companies to supply parts to various manufacturing units. Afterwards, got purchase orders from manufacturing units to assemble a full unit and get the said unit in running condition and start production process.

Description: The webinar started with welcome of all speakers and Principal, J. W. Bakal. Then initially talk was delivered by Maruti Pawar, who is Managing Director, Amptronics Techno Pvt. Ltd. He gave insights all about entrepreneurship. He shared his all experience with students. He shared his motivational journey with students.









## **Start-up and Innovation Ecosystem Initiatives by IIC**

Event Date: 30<sup>th</sup> December 2021

Mode of Conduct: Online

Theme: Start-up

Organizers: PHCET, Rasayani

Speakers:

**Dr. Gajendra Patil, PhD, VJTI Mumbai, Mechanical Engineering**

**Mr. Karthik Nagarajan, PhD Pursuing, Mumbai University, Civil Engineering**

No of Students Participated: 90

No of Faculty Participated: 12

Social Media Link:

Description: The webinar started with welcome of all speakers. Then initially talk was delivered by Dr. Gajendra Patil, PhD in Mechanical Engineering from VJTI College Mumbai. He is also Head of Department of Mechanical Engineering. He gave insights on startup and its different types. Then Mr. Karthik Nagarajan delivered the session followed by question answer session. Then session ended with vote of thanks by Head of Department Dr. G.V. Patil. Then feedback link shared with all participants and certificates issued to all eligible participants.




Recording...

## Think out of the box

Do you know about the Greatest Interception Ever ???

- 70 Companies
- 3 Hrs.
- 450 Crore Add Budget
- But Sale profit of 70% to a company with 0 add budget



Dr. Gajendra Patil

Type here to search

27°C Smoke 12:14 PM 12/30/2021

Resource Person addressing students

Zoom Meeting

Recording...

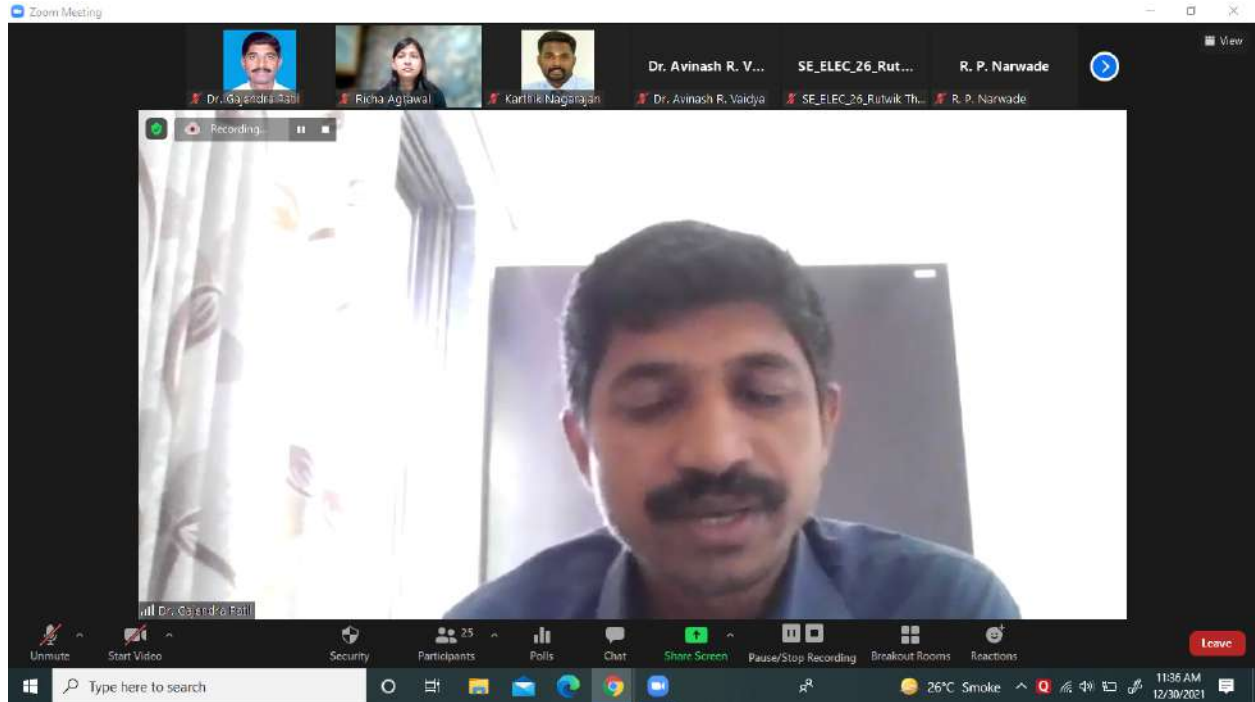
Aniket Sharma	TE A-21 Sahil Ja...	SE_ELEC_26_Rut...	R. P. Narwade	Gaurav Parab
	vishal dattatray...	shivani kadam	student	Sanjeev Thakur
Arshad logade	Vaibhav pandhare	Sonali Vikrant B...	D	
Sumit thombare	Shubham Gajar...	varad salunkhe		kunal patil

Unmute Start Video Security Participants Polls Chat Share Screen Pause/Stop Recording Breakout Rooms Reactions Leave

Type here to search

26°C Smoke 11:38 AM 12/30/2021





**PHCET**  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY

MAHATMA EDUCATION SOCIETY'S  
**Pillai HOC College of Engineering &  
Technology, Rasayani**

**INSTITUTION'S  
INNOVATION  
COUNCIL**  
(Ministry of HRD Initiative)

**in association with Institute Innovation Council**

**Startup and Innovation Ecosystem initiatives by MIC**  
Date: Thursday, 30th December, 2021 Time: 11:30 am

**Dr. Gajendra Patil**  
PhD (VJTI Mumbai)  
Mechanical  
Engineering

**Karthik Nagarajan**  
PhD (Pursuing)  
Mumbai University  
Civil Engineering

***Innovation Ambassador***



## **Webinar on "UI\UX DESIGNING", THE TWO SPHERES OF INNOVATION**

Pillai HOC College of Engineering and Technology in association with **ImaginXP**, successfully conducted **Webinar on "UI\UX Designing"** organized by Department of Information Technology on Feb 12<sup>th</sup>, 2022 for Faculty and Students of PHCET.

Date: Feb 12<sup>th</sup>, 2022

Platform: Google Meeting

Resource Person: Mr. Abhayjeet Singh

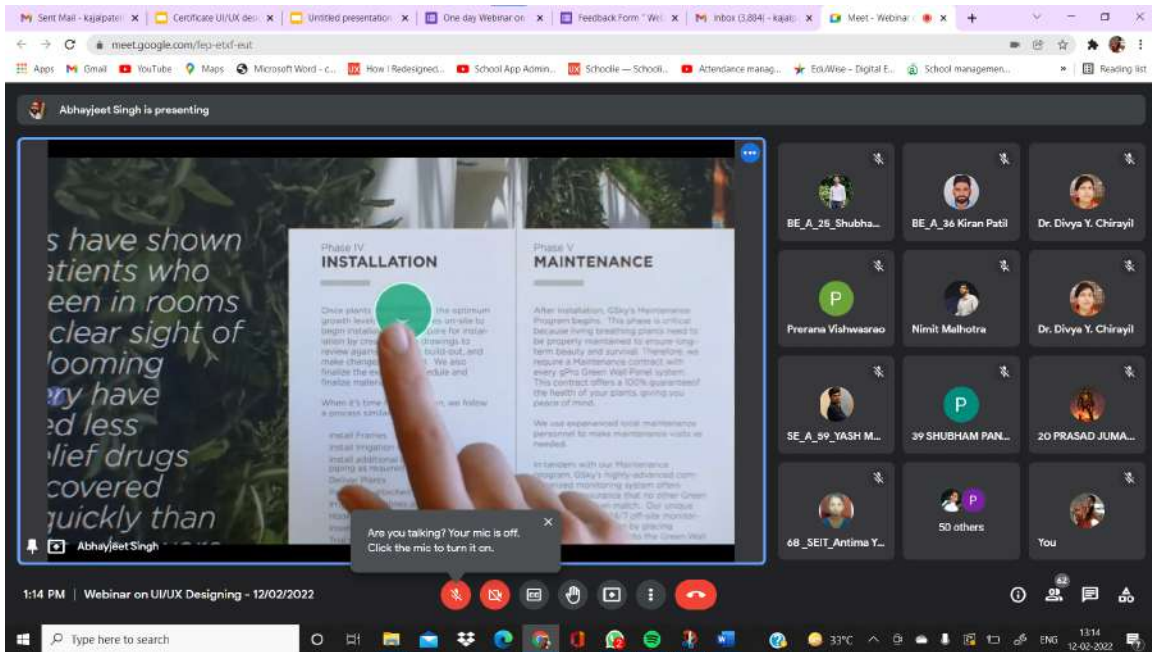
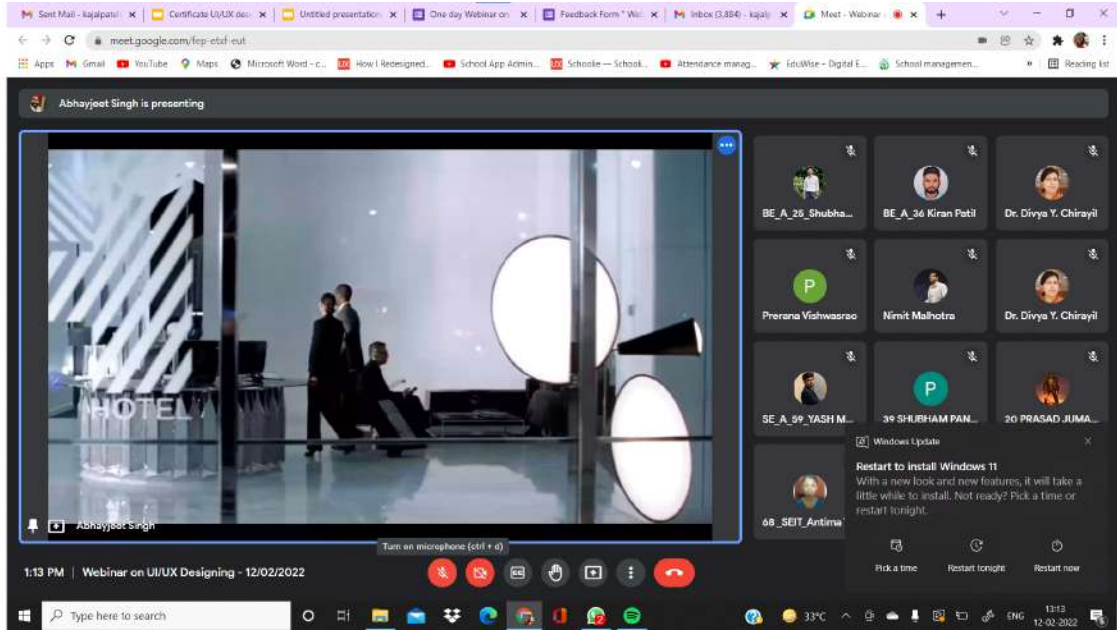
Coordinator: Ms. Kajal Patel

About the Session:

User Experience Design is everything that we interact with during the journey of using a product. A clearly designed product helps in saving time and increases efficiency, whereas a badly designed product not only makes us lose time but also hampers efficiency and causes unnecessary mental strain. We all remember struggling to text on our old mobile phones, with repetition of pressing keys in order to get the character we wanted. This evolved with Blackberry bringing in the QWERTY keyboard to using touch keypads now. The above example clearly explains how a good design makes life simpler and easy for us.

This makes it a highly important supporting discipline for the process of product development. "UX encompasses all aspects of the end user interaction with the company, its services and its products." It highlights the experiential, effective, meaningful and valuable aspects of human computer interaction (HCI) and product ownership, and it also captures a person's perceptions and mental model of the practical aspects such as utility, ease of use and efficiency of the system. UX is a conceptual design discipline, which means apart from being aesthetically pleasing it also has certain responsibilities towards its users. It has the primary responsibility of fulfilling the user's needs in the easiest way possible. Secondly, the design should be clear and tasteful which creates an appealing product. An effective UX is designed by the perfect blend of multiple disciplines like engineering, marketing, graphics and industrial design, interface design, information architecture and psychology. Modern UX is built on Human Factors and Ergonomics. UX aims to provide a clear design and structure to the product, which guides the user throughout the journey of using the product and creates a sense of satisfaction on having completed a task at ease. UX is highly dynamic as it changes with every product. Each product has its own unique set of requirements.

In this workshop 70+ students attended the session. At the end of workshop feedback is collected from the participants.



Abhayjeet Singh is presenting

### UXD- Most In Demand Career Option

1:31 PM | Webinar on UI/UX Designing - 12/02/2022

Taskbar: Type here to search, File Explorer, Microsoft Word, Chrome, Zoom, 33°C, 13:31, 12-02-2022

Abhayjeet Singh is presenting

### User Experience Design

**User experience design (UXD)**  
Is the process of enhancing user satisfaction with a product by improving the usability, accessibility, and desirability provided in the interaction with a product.

1:40 PM | Webinar on UI/UX Designing - 12/02/2022

Taskbar: Certificate for Kajal...pdf, Type here to search, 33°C, 13:40, 12-02-2022

Abhayjeet Singh is presenting

**1. Understanding UX and UI**

**2. Adobe Photoshop, Illustrator, XD, Figma, Zepplin, Axure, Invision, Indesign, 3D tools**

**3. Persona & Customer Journey Map- and tools to map our users**

**4. Ideation Techniques backed with Psychology**

**5. Prototyping and Animation**

**6. Dry-Run: Tools for User Feedback in testing labs**

**7. Live projects and International experts**

**8. Strategy building**

**9. Business development**

**10. Design for IOT, AI, AR, MR**

VR, Robotics, development

*\*Relevant use cases and case studies have been embedded in each session.*

10\_GANESH DABADE has left the meeting

Abhayjeet Singh

1:50 PM | Webinar on UI/UX Designing - 12/02/2022

Abhayjeet Singh is presenting

**ImaginXP is a leading Design Thinking & UX Design curriculum and education organization delivering knowledge to corporates, professionals and students**

**Corporate Associations**  
We help Organizations up-skill and train their employees in the future skills of UX Design, Design Thinking and innovation

**Retail Centers**  
We enable professional learning for individuals through our short-term courses taught both online as well as across 38+ design learning centers

**Traditional Universities**  
We deliver and run UG and PG degree programs in UX Design at ImaginXP ahead of Design in partnership with 12 leading universities across the country

1:51 PM | Webinar on UI/UX Designing - 12/02/2022



meet.google.com/lep-etxf-mlt

1:57 PM | Webinar on UI/UX Designing - 12/02/2022

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

SE\_B\_35\_omkar ramishte 1:54 PM  
sir how much time it takes to learn UI/UX ??

BE\_A\_25\_Shubham Kanase 1:54 PM  
sir what are the ways, we can move into this UI/UX field

29\_YASH MADANKAR 1:56 PM  
Sir do we require equipment like pen tablets for designing? or what all do we need?

BE\_A\_25\_Shubham Kanase 1:57 PM  
okay sir, can you suggest some courses for UI/UX so we can start with it.

Send a message to everyone

2:00 PM | Webinar on UI/UX Designing - 12/02/2022

11\_Gajarushi\_Shubham has raised a hand

Open queue

11\_Gajarushi\_Shubham has raised a hand



## **3D printing - a new way of making things**

Event Date: 16<sup>th</sup> December 2021

Mode of Conduct: Hybrid

Theme: Interaction with an Industry expert

Organizers: Dr. R.C. Prasad, Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Dr. Guruprasad Rao, Director & Mentor (Leadership Team), Imaginarium India Pvt. Ltd.**

No of Students Participated: 46

No of Faculty Participated: 10

Expenditure: Nil

Social Media Link:

Bio data: Dr Guruprasad Rao is a Director & Mentor (Leadership Team) at Imaginarium India Pvt Ltd., India's leading 3D printing company. His current focus is on DfAM for Metal 3D printing 3D printing Medical Applications, Skill Development besides Technology mentoring and partnerships across domains. Dr Rao is a technocrat with over 30 years of experience encompassing Industry & Academia. He holds BE (Mech) with PG in Tool Engineering from GTTC , M Des in Product Design from IISc, Bengaluru and PhD from IIT Bombay. For his terminal degree, he worked on Medical applications of 3D Printing. His industrial assignments include Titan, Tanishq, Crompton Greaves and presently at Imaginarium. He joined Imaginarium as CEO and is presently designated as Mentor - Director.

Description: The session started with welcoming and introducing the speaker by Prof. R. C. Prasad. He shared his valuable experience and his journey with the students and he gave insights on new way of manufacturing process for intrinsic product i.e. 3D printing. He also talked about metal 3D printing, 3D printing in dental applications and future scope of 3D printing. Session ended with vote of thanks by Dr. G. V. Patil





## **ASM Materials Camp- 2022**

Event Date: 16<sup>th</sup> to 19<sup>th</sup> December 2021

Mode of Conduct: Physical

Theme: Interaction with an Industry experts

Organizers: Dr. R.C. Prasad, Dr. G. V. Patil & Mr. Sunil Singh Rajput

Speakers: **Various resource persons**

No of Students Participated: 45

No of Faculty Participated: 12

Social Media Link:

Description: The four days offline ASM Materials Camp organized by the institute innovation council at the PHCET Rasayani is a joint program in association with ASM International Materials Foundation USA & ASM International India Chapter. This is an outreach program designed to expose concepts of advanced materials and their applications in industries. Hands on experiments are planned on Design, Fabrication of PCBs, Sensors, 3D printing, Making Shaping & Treating of steels and their Structure property correlation (Mechanical, NDT, Microstructural) under the guidance of Professors, Industry Experts and students from IIT Bombay & PHCET Rasayani. Short lectures and interactive Lab Sessions will culminate in Drone Workshop on the last day.

Session started with welcoming of chief guest, all eminent speakers, faculties and school students. During this camp, students went through the various innovative / prototype ideas developed. Students also got hands on experience on Welding, 3D printing of sample objects, metallography, CNC machining and Internet of things. ASM Materials camp ended with vote of thanks by program co-coordinator followed by certificate distribution to all participants. Event was sponsored by ASM India chapter for the purpose of developing skills like critical thinking and problem solving apart from behavioral changes and structural shift in growing skill.





**Four Days "Materials Camp" An Outreach Program of ASM  
International Materials Foundation, USA**

**Organized by**

**The Institute Innovation Council at The Pillai HOC College of Engineering &  
Technology, Rasayani**

**and**

**ASM International India Chapter**



**Organized by**



**Supported by**



**Material Camp of ASM During December 16-19, 2021  
Drone Workshop on last day**

**Time 09:00 am to 05:00 pm**

**Venue- Innovation & research Centre, Ground Floor, Pillai HOC  
College of Engineering & Technology, Rasayani**













## **Intellectual Property Rights (IPRs) and IP management for the start-up**

Event Date: 26<sup>th</sup> July 2021

Mode of Conduct: Online

Theme: Interaction with an IPR expert

Organizers: Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Mr. Suneet Sable, Director at Brainiac Global Consulting Pvt. Ltd.**

No of Students Participated: 92

No of Faculty Participated: 35

Expenditure: Nil

Social Media Link:

Description: The webinar started with welcome of speaker & brief introduction of Mr. Suneet Sabale by Ms. Mansi Subhedar, IPR Coordinator, IIC @ PHCET. Then session started by speaker where he shared all required information about patent filing process from start to end. He gave insights all about IPR and IPR act. Then session ended with vote of thanks by Dr. G.V. Patil, Head of mechanical engineering. Feedback form was shared to all participants and e-certificate issued to all participants.



MAHATMA EDUCATION SOCIETY'S  
**Pillai HOC College of Engineering & Technology, Rasayani**  
 ACCREDITED WITH 'A' GRADE BY NAAC IN FIRST CYCLE 2019  
 AND RE-ACCREDITED BY NBA FOR MECHANICAL AND COMPUTER ENGINEERING 2020

**IIC in association with IQAC, PHCET**

**INSTITUTION'S INNOVATION COUNCIL**  
(Member of IITB Institutes)

Presents a webinar on  
**Intellectual Property Rights (IPRs) and IP management for the start-up**

**On: Monday, 26th JULY, 2021**  
**SCHEDULE**  
 11:00 AM to 12:30 PM

Click the icon for Zoom Link

*E-certificate to all participants*

Speaker  
**Mr. Suneet Sabale**  
 Director at Brainiac Global Consulting Pvt Ltd

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**Dr. Mansi Subhedar**  
 IPR Coordinator, IIC & HOD, ExTC Engineering PHCET, Rasayani

**Dr. R.C. Prasad**  
 President, IIC & Professor, Mechanical Engineering, PHCET, Rasayani

**Dr. Gajendra V Patil**  
 Convener, IIC & HOD, Mechanical Engineering PHCET, Rasayani

**Dr. Lata Menon**  
 Dy. CEO, Pillai HOCL Educational Campus

REC

**Patents**

- Patent is a statutory right granted by the government in exchange of complete disclosure of the invention for a limited period of 20 years.

Dr. Gajendra Patil's screen



## **Materials for Naval Applications**

Event Date: 26<sup>th</sup> July 2021

Mode of Conduct: Hybrid

Theme: Interaction with an Industry expert

Organizers: Dr. R.C. Prasad, Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Commodore (Dr) Satish Chandra Mittal**

No of Students Participated: 78

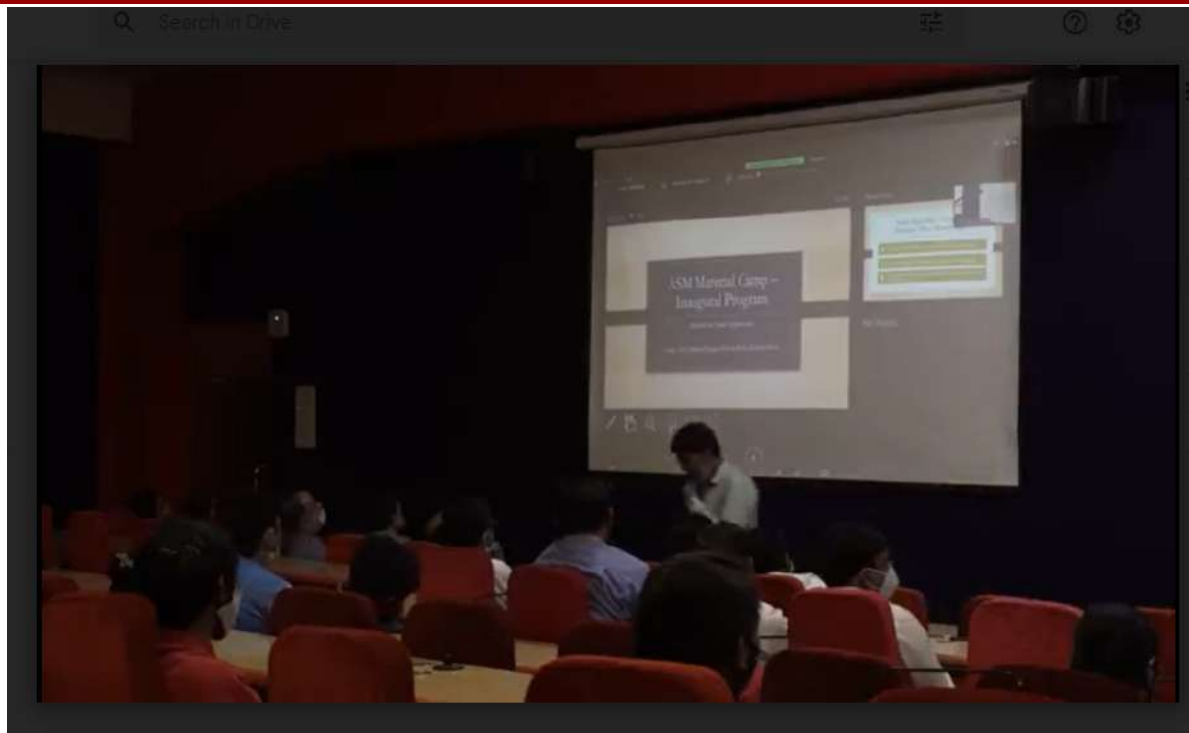
No of Faculty Participated: 16

Expenditure: Nil

Social Media Link:

Bio data: An engineering doctorate degree with sound academic credentials in various engineering disciplines and varied and rich professional experience of over 34 years, in the delivery of maritime engineering projects beginning with conceptualization. These included port and harbor, ship building and repairs major project delivery The responsibilities have included Ship Operations, Marine Infrastructure Development Project Conceptualization, Consultancy, DPR, Project Sanction, Environmental & Other Clearances, Tendering, Contracting using FIDIC & other forms, Project Coordination/Monitoring, Testing/ trials and Dispute resolution through Conciliation/Arbitration..

Description: The session started with welcoming and introducing the speaker by Prof. R. C. Prasad. He shared his valuable experience and his journey with the students and he gave insights on different materials for naval applications. Session ended with vote of thanks by Dr. G. V. Patil







## Overview of Rubber Industry- Challenges and Opportunities for students

Event Date: 16<sup>th</sup> December 2021

Mode of Conduct: Physical

Theme: Interaction with an Entrepreneur

Organizers: Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Dr. Rajkumar Kasilingam, Director, IRMRA, Mumbai**

No of Students Participated: 40

No of Faculty Participated: 12

Social Media Link:

**Bio-data of Speaker:** Dr. Kasilingam Rajkumar is a Rubber Technologist from IIT Kharagpur, with excellent academic record throughout the career along with 20 + years of rich experience in the field of Research & Development, Testing, Training and Consultancy services on Polymer / Rubber Technology and Currently, working as, Director, at Indian Rubber Manufacturers Research Association [IRMRA], aff. to Min. of Com. & Industry, GoI, Thane, and responsible for overall operations of IRMRA. My recently added Management Degree [MBA] in Operational Management and Doctoral Degree [PhD] in the emerging field of Polymer / Rubber Nano composites are added feather in my career to take any challenging leadership career in scientific and technological research and associated activities. Under my leadership, we have completed several sponsored and product development projects at IRMRA which includes evaluation of chemicals and additives in Rubber formulations, Industrial consultancy projects for MSME sectors, critical product development for defence and nuclear sectors. During my tenure of 17 years, at IRMRA, I was instrumental for the growth of IRMRA's services by acquiring key quality credentials to the organization like ISO 9001 certifications, NABL accreditations, DGMS, BIS & CEMILAC recognitions etc. Several initiatives are taken to expand its activities for business enhancement like ISO 17020 accreditation, finalizing MoU with SARPOL, finalizing projects for Chennai center etc.

Description: The webinar started with welcome of all speakers and Principal, J. W. Bakal. Then initially talk was delivered by Dr. Rajkumar Kasilingam, who is Director, Of IRMRA Mumbai. He gave insights all about rubber material from old days till now and upcoming future of rubber industry in India. He shared his all experience and his journey with IRMRA with students.





## Polymer as a Revolutionary Material for the Mankind

Event Date: 16<sup>th</sup> December 2021

Mode of Conduct: Physical

Theme: Interaction with an Industry expert

Organizers: Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Dr. Virendrakumar Gupta, Head R&D & Senior VP, Reliance Research**

No of Students Participated: 45

No of Faculty Participated: 12

Social Media Link:

**Bio-data of Speaker:** Dr Virendra Kumar Gupta is currently Head, R&D Polymer & Senior Vice President, Reliance Industries Limited, Navi Mumbai. Before joining Reliance Industries Limited, he worked at the Indian Petrochemicals Corporation Limited & Gharda Chemicals Limited, India. Dr Gupta has received his PhD in Chemistry from Banaras Hindu University, Varanasi and worked at University of Alabama at Birmingham, USA.

He has 40-year research experience in the areas of CO<sub>2</sub> fixation, organic/ inorganic polymers & catalysis and product technology development. He is an inventor/co-inventor of 150 patents and successfully commercialized 25 technologies in polyolefins & polysulfones products and processes. He also has 70 research publications in peer-reviewed journals and 75 invited and contributed presentations in international & national conferences. His significant & high impact technology development includes commercialization of High-Performance Ziegler Natta catalysts to produce polyolefin first time in India. He is a recipient of VASVIK award and 20 technology and product development awards including PC Ray awards for Development of Indigenous Technology by Indian Chemical Council.

He is also members of various industry and professional advisory committees. He is chairman of Industry Advisory Board (IAB) of the Polymer Science Program of Somaiya Vidyavihar University, Vice President, Society of Polymer Science India – Mumbai Chapter and Executive Council Members of Polymer Processing Academy & Asian Polymer Association. He also served as Executive Council Member, Central University of Haryana and Honorary Faculty at IIT, Roorkee.

Description: The webinar started with welcome of the speaker and Principal, J. W. Bakal. Then initially talk was delivered by Dr. Virendrakumar Gupta, who is Head R&D & Senior VP, Reliance Research. He gave insights all about polymer material which can be great substitute for plastics industries in India. He shared his all experience and his journey with students. Session ended with vote of thanks given by Dr. G.V. Patil, Head of Mechanical Engineering.









MAHATMA EDUCATION SOCIETY'S

**Pillai HOC College of Engineering & Technology, Rasayani**

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**IIC in association with IQAC, PHCET**



Presents a webinar on

**Polymer as a Revolutionary Material for the Mankind**

**On: Monday,  
16th DECEMBER, 2021  
11:00 AM to 12:00 NOON**



Speaker

**Dr. Virendrakumar Gupta**  
Head R&D, & Senior VP, Reliance Research

**Dr. Gajendra V Patil**  
Convener, IIC &  
Mechanical Engineering,  
PHCET, Rasayani

**Dr. R.C. Prasad**  
President, IIC & Professor,  
Mechanical Engineering,  
PHCET, Rasayani

**Dr. J.W. Bakal**  
Principal  
PHCET, Rasayani



## **Quality Technical Education Industry-Academia Partnership**

Event Date: 16<sup>th</sup> December 2021

Mode of Conduct: Hybrid

Theme: Interaction with an Industry expert

Organizers: Dr. R.C. Prasad, Dr. G. V. Patil & Mr. Sunilsing Rajput

Speakers: **Raghunath K. Shevgaonkar, former Director of IIT Delhi**

No of Students Participated: 72

No of Faculty Participated: 15

Expenditure: Nil

Social Media Link:

Bio data: 1985 Doctor of Philosophy (Ph.D.) in Electrical Engineering from I. I. T., Bombay/ (Indian Institute of Astrophysics/Raman Research Institute, Bangalore) on Maximum Entropy Restoration of Astronomical Images. 1977 Master of Technology (M.Tech) in Electrical Engineering from IIT, Kanpur with specialization in Electromagnetics and Optical fibres. 1975 Bachelor of Engineering (BE) in Electronics Engineering from Jiwaji University, Gwalior. Gold Medalist. 2008 Executive Program, Kellogg School of Business, University of North Western, USA

Description: The session started with welcoming and introducing the speaker by Prof. R. C. Prasad. He shared his valuable experience and his journey with the students and he gave insights on Quality Technical Education Industry-Academia Partnership. Session ended with vote of thanks by Dr. G. V. Patil



Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Automobile Engineering and Mechanical

**Course on Certified SOLIDWORKS Associate (CSWA- Mechanical Design)**

Department of Automobile and Mechanical has conducted training and Certification course on Solidworks for students and faculty of PHCET.

<b>Date</b>	1 <sup>st</sup> May 2021 – 30 <sup>th</sup> May 2021
<b>Platform</b>	Google Meet(online)
<b>Resource Person</b>	Mr. Amar Jadhav Assistant Professor of Automobile Engineering Department , Pillai HOC College of Engineering and Technology Mr. K S Anish Assistant Professor of Mechanical Engineering Department , Pillai HOC College of Engineering and Technology
<b>Department</b>	Automobile Engineering and Mechanical Engineering
<b>Participants</b>	25

SOLIDWORKS Certifications are a benchmark to measure your knowledge and competency with SOLIDWORKS software. A certification helps you stand out from the crowd and showcases your expertise to businesses and professionals alike – a valuable asset in a competitive job market. The CSWA certification is proof of your SOLIDWORKS® expertise with cutting-edge skills that businesses seek out and reward. This is a globally recognized certificate offered by Dassault Systems after passing the exam conducted by them. The exam consist of topics like Drafting Competencies , Basic Part Creation and Modification, Intermediate Part Creation and Modification, Advanced Part Creation and Modification, Assembly Creation. In all there are 14 questions. Exam duration is of 3 hours and passing percentage 70%.

The training was conducted for 30 days from 5-6 pm which also included training conducted by experts from Dassault Systems. In total more than 25 practice problems were solved in the sessions and also tips for examination was conducted . Both trainer have qualified the exam before taking training





MAHATMA EDUCATION SOCIETY'S  
**PILLAI HOC COLLEGE OF ENGINEERING  
AND TECHNOLOGY, RASAYANI**



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Value Added Program by

Department of Mechanical and Automobile Engineering  
**Solidworks Mechanical Design - Associate level  
Certification Course**

**Course Benefits**

- 20+ hours of training sessions including practice help, doubt clearance by expert PHCET Faculty (Prof. Amar Jadhav & Prof K.S.Anish).
- 6 hrs training session from Dassault system Engineer.
- Associate Certificate for students who score 70%+ in online exam.
- Students will improve in CAD skills which will add weight during job placement in design related field.

**Grab this opportunity  
at just Rs.2000/-  
(Rs. 9610/- 79% Discount)  
Only for PHCET Students from DASSAULT**

**Chance to get Globally  
certified in Solidworks**

**Only 25 Seats Available  
(Registration First Come First Serve)**

**Last Date for Registration  
28th April 2021  
Course Duration  
1st - 30st May 2021**



**Kindly Note:**

- Registration of 25 students will be done in first come first serve basis.
- Requirement: Min i3 processor with 4 GB ram and 10 GB space in hard-disk to install the software with good internet connectivity.
- Payment Mode: ONLINE(Payment Details will be provided to shortlisted students.)
- Remaining students will be added to waiting list.

**Coordinators**

Prof. Amar Jadhav - aajadhav@mes.ac.in (Mob. No. 9892903490)  
Prof. K.S.Anish - ksanish@mes.ac.in (Mob. No. 8898177950)

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Civil Engineering

Department of Civil Engineering organised a faculty development program cum orientation program on Structural Analysis (Course Code: CEC 402) from July 9-12, 2020 in association with Mumbai University. The program was organised to orient the faculty of engineering from various colleges across Mumbai about the new syllabus of the course revised under Scheme C with emphasis on learning rather than teaching. Around 50 faculty actively participated in the program. Experts from the field delivered online sessions in which overview and importance of the subject from exam point of view was explained

<b>S.No.</b>	<b>Speaker</b>	<b>Designation</b>	<b>Organisation</b>	<b>Topic</b>
1.	Dr Ajay Radke	HoD	DMCE, Airoli	<ul style="list-style-type: none"><li>• Influence Line Diagrams</li></ul>
2.	Dr Y. S. Patil	HoD	SSJCOE, Asangaon	<ul style="list-style-type: none"><li>• Energy principles</li><li>• Static and Kinematic Indeterminacies</li><li>• Stiffness method</li></ul>
3.	Dr N. G. Gore	Professor	MGM CET, Kamothe	<ul style="list-style-type: none"><li>• Three moment theorem</li><li>• Flexibility Method</li></ul>
4.	Raju Narwade	HoD	PHCET, Rasayani	<ul style="list-style-type: none"><li>• Trusses</li><li>• Three hinged arches</li></ul>
5.	Dada Patil	Assistant Professor	AIKTC, Panvel	<ul style="list-style-type: none"><li>• Shortcuts for drawing qualitative ILD</li><li>• Moment distribution method</li><li>• Plastic analysis of structure</li></ul>



## MAHATMA EDUCATION SOCIETY

PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY (PHCET) RASAYANI

ACCREDITED WITH AN 'A' GRADE BY NAAC IN THE FIRST CYCLE 2019  
REACCREDITED BY NBA FOR COMPUTER AND MECHANICAL ENGINEERING 2020  
WINNER OF FIRST POSITION FOR WORKPLACE SAFETY AWARD - 2019

### DEPARTMENT OF CIVIL ENGINEERING ORGANIZES

FACULTY DEVELOPMENT PROGRAM CUM ORIENTATION PROGRAM  
ON THE COURSE "STRUCTURAL ANALYSIS (COURSE CODE-CEC402)"

**DATES : 9TH JULY TO 12TH JULY 2020**

**TIME : 11.00AM TO 1.00PM**

#### RESOURCE PERSON OF THE FDP

1. Dr. Ajay Radake (HoD, Dept of Civil Engg. DMCE)
2. Dr. Y S Patil (HoD, Dept. of Civil Engg. SSJCOE)
3. Dr. N G. Gore (Prof. Dept. of Civil Engg, MGM CET)
4. Mr. Raju Narwade (HoD, Dept. of Civil Engg, PHCET)
5. Mr. Dada Patil (Asst. Prof, Dept. of Civil Engg, AIKTC)

University of Mumbai



In Association with University of Mumbai

Mr. Raju Narwade (HoD, Dept. of Civil Engg, PHCET) | Dr. Madhumita Chatterjee (Principal, PHCET)



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Civil Engineering

**Faculty Development Program/Orientation Program on the course  
“Structural Analysis (Course Code: CEC 402)” from 9<sup>th</sup> to 12<sup>th</sup> July, 2020**

In Association with University of Mumbai



**SCHEDULE**

Sr. No.	Date	Time	Speaker	Topic
1	09.07.2020	11.30 am to 11.40 am	<b>Inaugural Function: Address by Dr. Madhumitta Chatterjee (Principal-PHCET)</b>	
2	09.07.2020	11.45 am to 11.55 am	<b>Address by Dr. S. K. Ukarande (Associate Dean, FoST, University of Mumbai)</b>	
3	09.07.2020	12.05 pm to 01.00 pm	<b>Mr. Raju Narwade (HoD, Dept. of Civil Engg, PHCET)</b>	<b>Module-I Trusses and Three Hinged Arches</b>
4	09.07.2020	01.00 pm to 02.00 pm	<b>Dr. Ajay Radke (HoD, Dept. of Civil Engg, DMCE)</b>	<b>Module-II Rolling Loads and Influence Line Diagrams</b>
5	11.07.2020	11.30 am to 12.30 pm	<b>Dr. Y. S. Patil (HoD, Dept. of Civil Engg, SSJCET)</b>	<b>Module-III Deflection of Statically Determinate Structures; Static and Kinematic Indeterminacies</b>
6	11.07.2020	12.30 pm to 01.30 pm	<b>Dr. N. G. Gore (Professor, Dept. of Civil Engg, MGM CET)</b>	<b>Module-IV Analysis of Indeterminate Structures by Flexibility Method</b>
7	12.07.2020	11.30 am to 12.30 pm	<b>Dr. Y. S. Patil (HoD, Dept. of Civil Engg, SSJCET)</b>	<b>Module-V Analysis of Indeterminate Structures by Stiffness Method</b>
8	12.07.2020	12.30 pm to 01.30 pm	<b>Mr. Dada Patil (Assistant Professor, Dept. of Civil Engg, AIKTC)</b>	<b>Module-VI Moment Distribution Method and Plastic Analysis</b>



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology, Rasayani**  
Department of Civil Engineering

## **International symposium on Green Building: Facts and Myth**

<b>Date</b>	28 February 2021
<b>Platform</b>	Google meet
<b>Department</b>	Civil Engineering
<b>Co-ordinator</b>	Dr. Shilpa Pankaj Kewate

The Student Chapter Committee of Indian Green Building Council (IGBC) at Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani, has conducted an international symposium on "Green Building: Facts and Myths" on 28 February 2021, Sunday at 2:30 pm IST

Total 156 participants from Maharashtra, Karnataka, Tamilnadu, Gujarat, West Bengal, Madhya Pradesh, Uttar Pradesh, Kerala, Chhattisgarh, Andhra Pradesh, Jharkhand, and Rajasthan Delhi had registered for this international symposium.

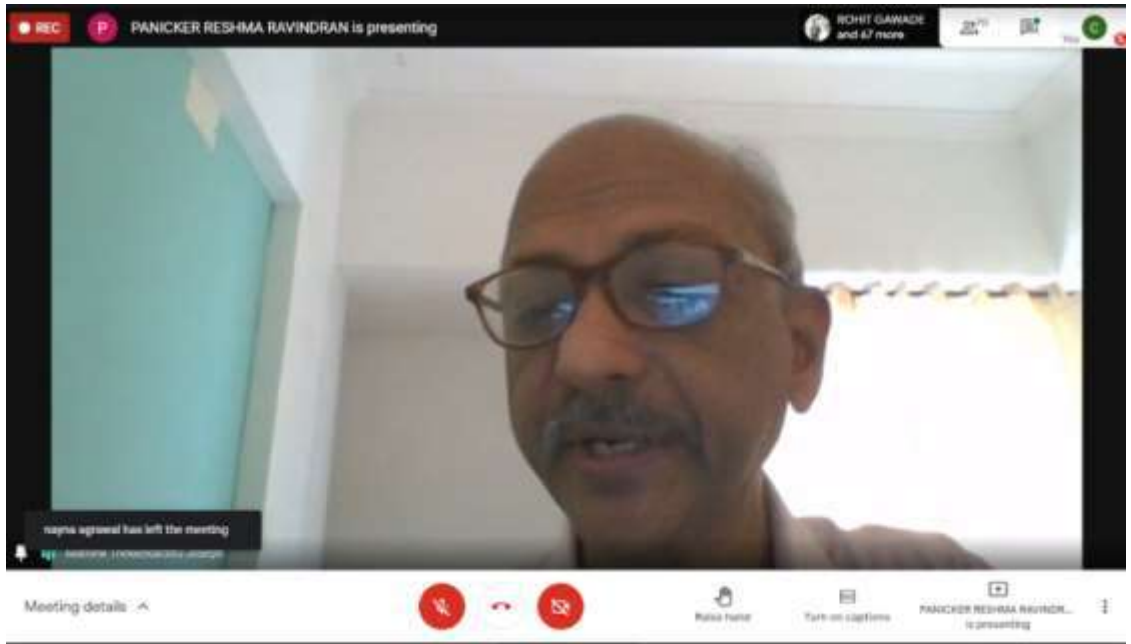
Over the past few years, the idea of green buildings has gained popularity, but still many myths still exist regarding "Green building". The objective of the International symposium was to bust some myths on green building and avoid the misleading statement.

Following are the details of the resource person.

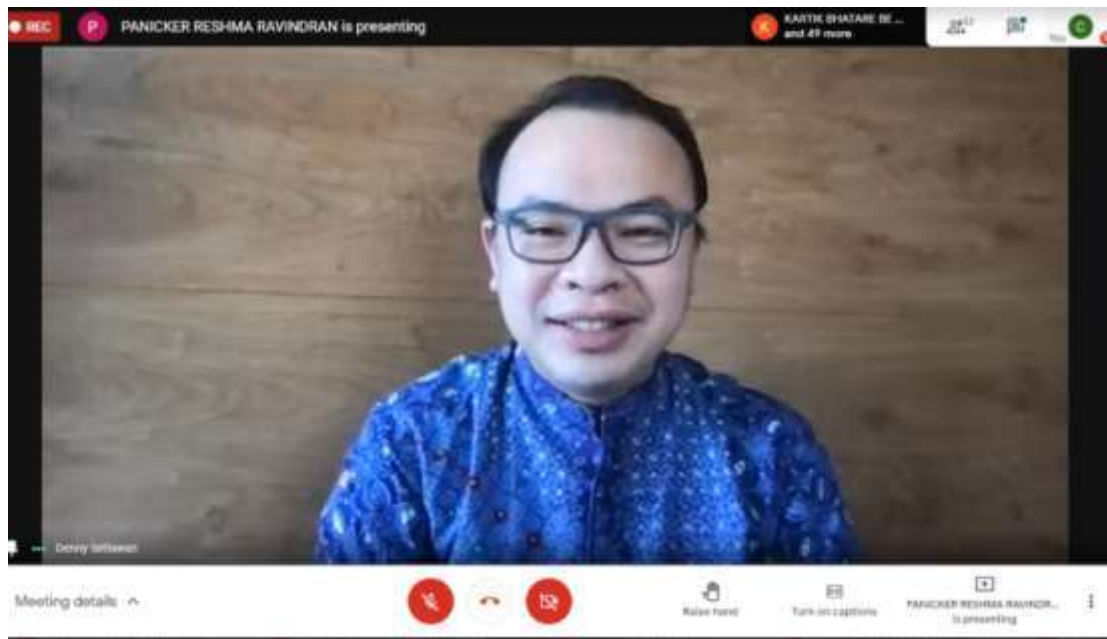
Keynote Speaker: Denny Setiawan,  
Architect: Studio Denny Setiawan  
Vice General Secretary of Ikatan Arsitek Indonesia (IAI)  
Lecturer at Binus Uni.  
Member of Arcasia Committee of Young Architects

Welcome address was proposed by Dr. T. J. Mathew, Principal, Pillai HOC College of Engineering and Technology, Rasayani and he emphasized the urgency of the concept to achieve the goal of sustainability. Critical issues for achieving green building from both engineering and architectural point of view and case studies of green building in Indonesia were explained by Ar. Denny Setiawan in the symbiosis.

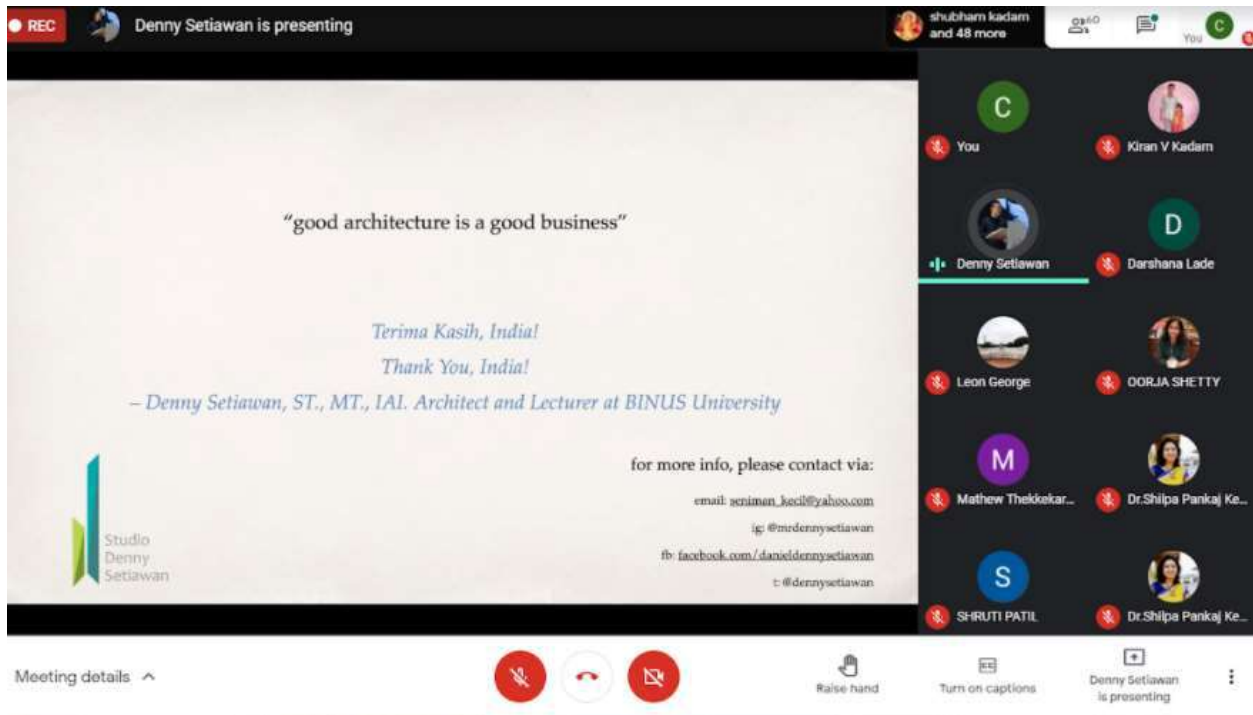
The session concluded with an interactive session between the resource persons and the participants in which the queries of the participants were addressed satisfactorily.



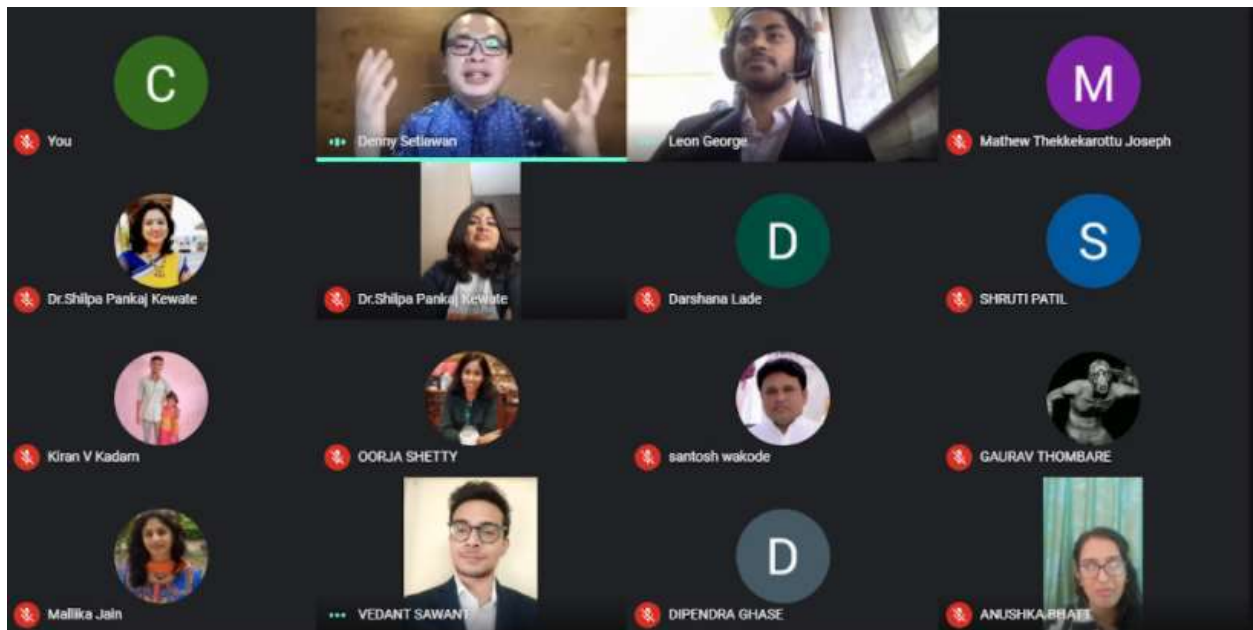
Dr. T.J.Mathew, proposing welcome address to the participants



Ar. Denny Setiawan, Keynote Speaker of the symposium



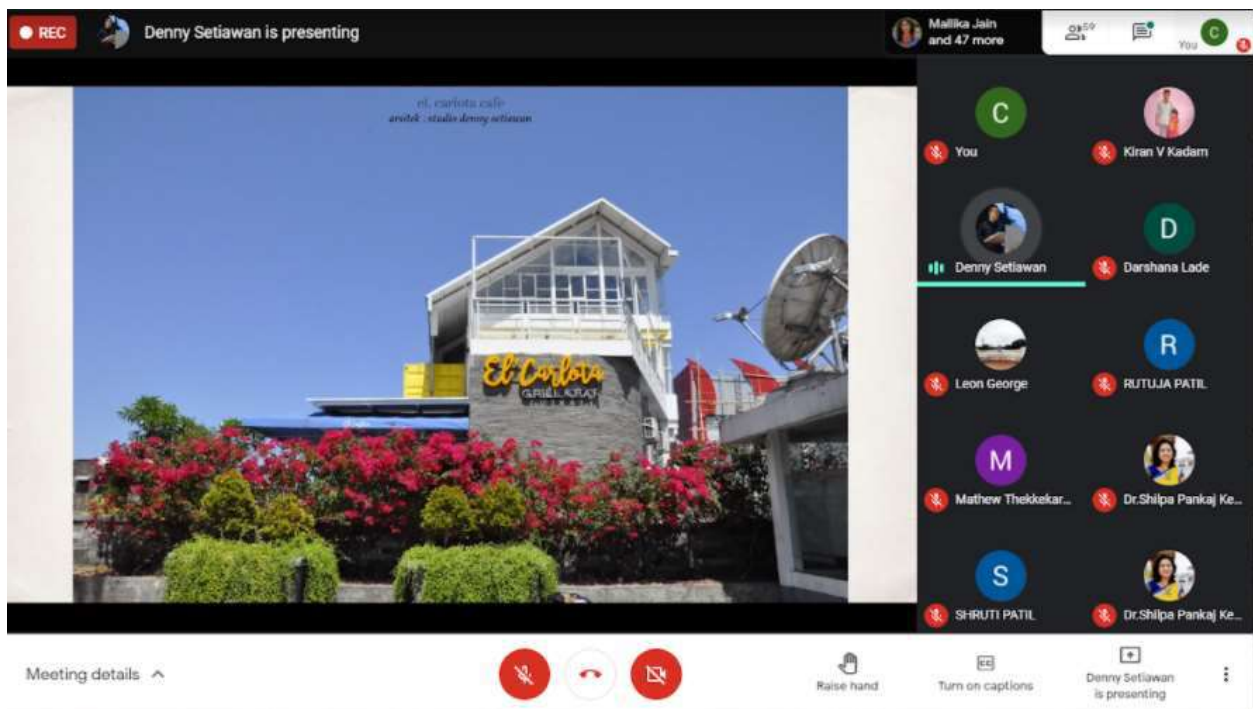
Technical session by **Ar. Denny Setiawan** on " **Green Building: Facts and Myths**"



Technical session by **Ar. Denny Setiawan** on " **Green Building: Facts and Myths**"

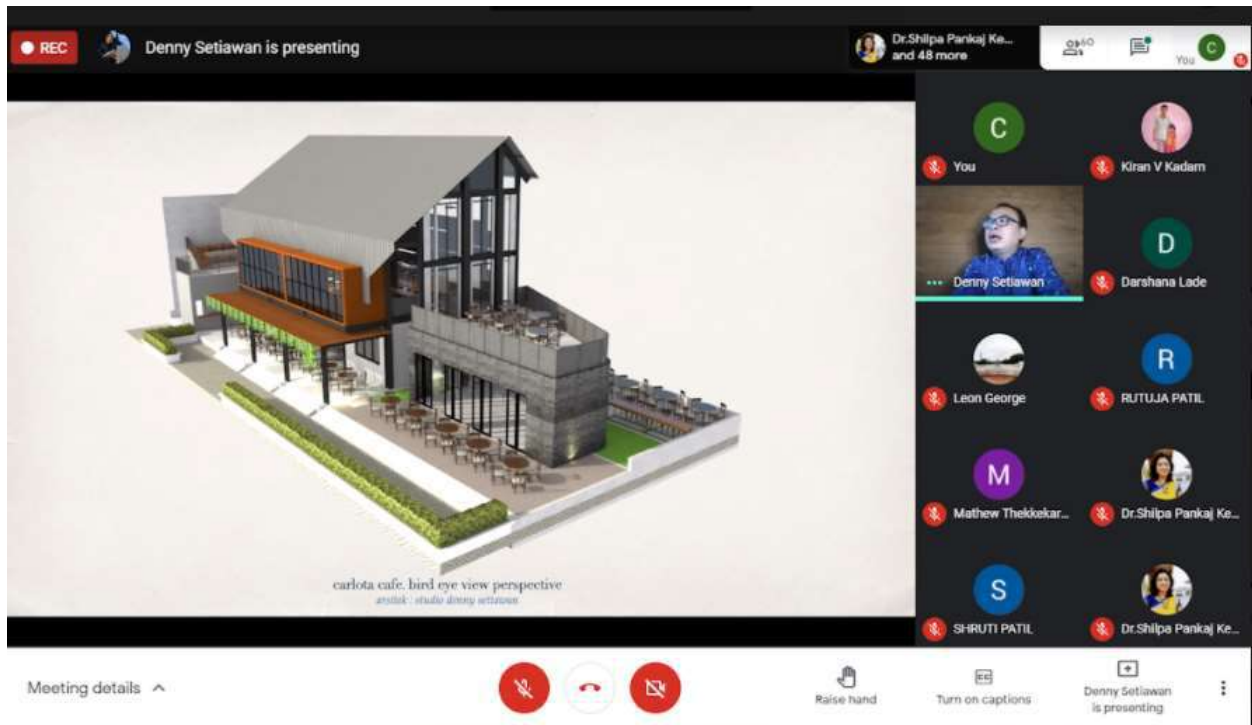


The Student Chapter Committee of Indian Green Building Council (IGBC)





Ar. Denny Setiawan presenting the case studies of green building in Indonesia



Ar. Denny Setiawan presenting the case studies of green building in Indonesia

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Civil Engineering

## **Intercollegiate virtual debate competition on "Green buildings- the necessity of tomorrow or extravagance"**

<b>Date</b>	18 October , 2020
<b>Platform</b>	Google Meetings
<b>Department</b>	Civil Engineering
<b>Co-ordinator</b>	Dr.Shilpa Pankaj Kewate

Debate is one of the academic activities that give students creative room to express what they feel. The length and breadth of knowledge that they gain through this is simply unparalleled.

Department of Civil Engineering along with Indian Green Building Council (IGBC) student's chapter conducted an intercollegiate virtual debate competition on 18 October, 2020 at 2.30 P.M. The topic of the debate was "Green buildings- the necessity of tomorrow or extravagance". Total 22 participants from Ghaziabad, Chennai, Amravti, Sangli, Pune, Mumbai and Navi Mumbai actively participated in this competition.

There were two teams "Aarybhata" and "Ramanujam" constituting of eleven participants. Each member had to either speak for or against the given topic under the time duration.

Jury members for the event were;

1. Mr. Bhavesh Mehta,  
Core committee member of CII, IGBC, Mumbai Chapter
2. Mrs. Manjusha Deshpande  
General manager – HVAC Engineering, Reliance Jio Infocomm Ltd.

Welcome address was proposed Dr.T.J.Mathew Principal, Pillai HOC College of Engineering and Technology, Rasayani and he emphasized the urge of the concept to achieve the goal of sustainability. Both the teams exhibited great oratory skill. The competition was an enthralling experience for the speakers as well as the audience. Every debater was cheered and clapped up for their pleasing presentation and sharp arguments. Winning and losing is the part and parcel of the game, team 'Ramanujam' emerged as the winner for being defensive about their objective and also for sticking to their points till the end.




Dr.T.J.Mathew proposing welcome address to the participants


### MR. BHAVESH MEHTA

- Part of Student Activity Committee for CII IGBC Mumbai Chapter.
- Work Profile
- ❖ Company: Reliance Industries Limited – HQ at Navi Mumbai.
- ❖ Current Position: Deputy General Manager – Engineering Design.
- ❖ Current Job Profile.

A Mechanical engineer by profession, working in Reliance Industries Limited as Deputy General Manager – Engg Design since last 12 years in MEP ( Mechanical , Electrical & Plumbing ) Design team for Retail Chain across India. Total Work experience is more than 25 Yrs and worked in cos like Blue star Limited, Voltas Limited & LG Electronics India pvt Ltd in different positions.

- **Attended international conference on HVAC & R at Abu Dhabi UAE, Colombo Sri Lanka, Doha Qatar & Madrid Spain organized by ASHRAE.**
- Bhavesh is part of Technical Committee of SMART CITY Guidelines formed by CII IGBC.





Bhavesh Mehta

- ❖ Affiliations/ memberships of Mumbai chapter:
- IGBC • ASHRAE • ISHRAE • ISLE • FSAI • AMCA • IPA • IIIO • RATA
- ❖ Actively involved in IGBC Platinum rating certification for Reliance BKC School , RCP Navi Mumbai Head qtr ( 70 lac sqft ) , Jamnagar Township ( 4 crore sqft).
- ❖ Winner team member from Reliance Industries Limited .of QUALITY CIRCLE AWARD from QC Pune in 2016 and 2018.


Jury


member Mr. Bhavesh Mehta, Core committee member of CII, IGBC, Mumbai Chapter, addressing the participants

### MRS. MANJUSHA DESHPANDE

- **B.E (Mechanical)** from VJTI, Mumbai University.
- She has more than **25 years experience in HVAC & R field.**
- She is working with **Reliance Jio Infocomm Ltd. as General Manager – HVAC Engineering.**

In past, she has worked with Toyo Engineering India Ltd., Tecnimont ICB Pvt. Ltd., Petrofac Engg India Pvt. Ltd. and was part of design team of various Indian and International projects in Oil & Gas, Refinery and Industrial projects.





Manjusha De...

- Manjusha ma'am Joined **ISHRAE Thane Chapter 10 years ago** and was part of **CWC from Day 1 of her membership.** After holding various positions in committee, she was elected as "President" in SY 2019-20 and for current society year she is "Immediate Past President".

Jury

member Mrs. Manjusha Deshpande, General manager – HVAC Engineering, Reliance Jio Infocomm Ltd, addressing the participants

(FOR)	(AGAINST)
<b>TEAM RAMANUJAN</b>	<b>TEAM ARYABHATTA</b>
1. KALPESH PATIL (LEADER)	1. USAMA (LEADER)
2. PRABHAKARAN	2. ROHINI
3. ANAND	3. SM MOHSIN
4. PURVAJA	4. OORJA
5. RISHIKESH	5. PRIYANKA
6. DEV AHIRE	6. ANIKET
7. OMKAR	7. ASHNA
8. HINESHA	8. NAMRATA
9. SUVISH	9. YASHIKA
	10. HIMANSHU
	11. SHUBHAM PATIL

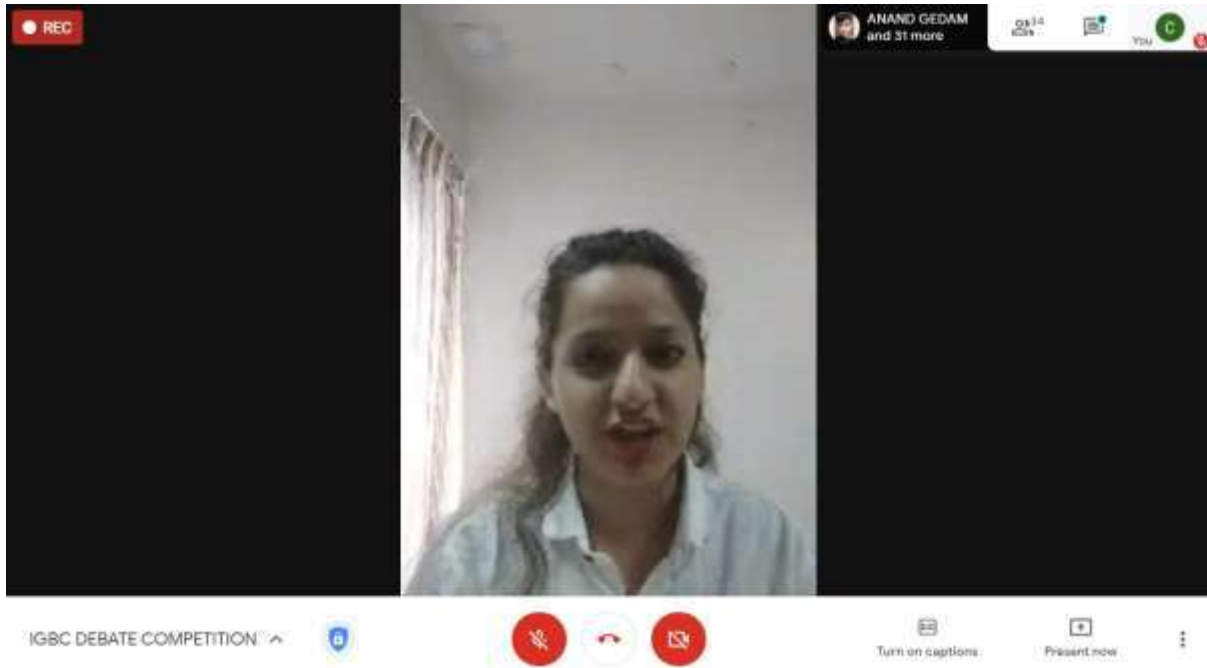
Teams of Debate Competition

The screenshot shows a Zoom meeting interface with the following participants and features:

- Participants:** ANAND GEDAM, Marquisha Deshpande, Dr. Shilpa Parulkar Kirwate, ANUSHKA BHATT, ASAWARI AVHAD, Bhavesh Mehta, PRIYANKA SHINDE, ANIKET LORHANDI, OORJA SHETTY, DEVAMAND AHIRE, Leon George, HINESHA SOMAR, MAURYA ASHNA, Yashika Divadiga, Shubham Patil, USAMA ARAB.
- Meeting Controls:** REC, Turn on captions, Present now.
- Background:** IGBC DEBATE COMPETITION.

Participants along with jury member and faculty member of Civil engineering department





Participant of debate competition

Par



Participants of debate competition

Par



Participants Hineshna Sonar awarded as best speaker

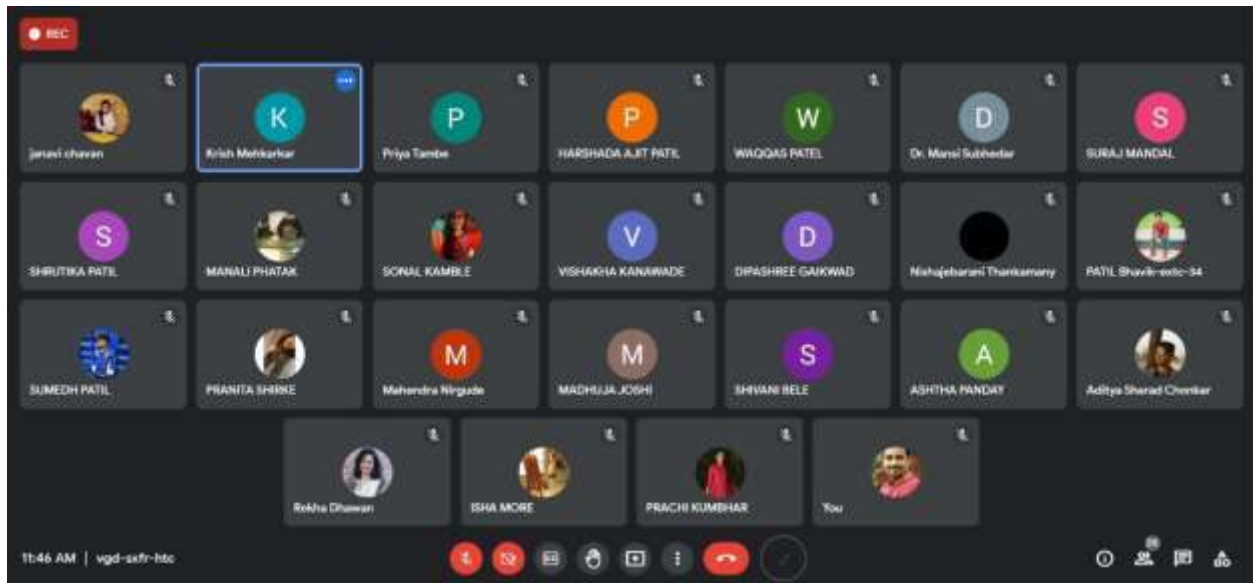
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Mahatma Education Society  
**Pillai HOC College of Engineering and Technology, Rasayani**  
Department of Electronics and Telecommunication Engineering

**Orientation session on “Career opportunities in ISTC”**

Orientation session on “Career opportunities in ISTC” was organised by Department of Electronics and Telecommunication Engineering for S.E., T.E. and B.E. students on June 14 2021.

Mr. Krish K. Mehkarkar founder of ISTC, Pune was invited as guest speaker for this session. TPO Coordinators Mrs. Priya Tambe and Mr. Pratik Mhatre organised this event. The speaker explained about career and internship opportunities available in ISTC, Pune.



25 students of TE and BE attended this session. Students found this session very informative. As Institute of Satellite Telecom Pvt. Ltd is the leading SATCOM service provider across India, students will be fortunate to work in such company. The session ended with Q&A and discussion on planning an industrial visit to ISTC, Pune in the near future.

MahatmaEducationSociety's

**Pillai HOC College of Engineering & Technology, Rasayani**

## **Department of Electronics & Telecommunication Engineering**

### **Workshop on “NETSIM A Network Simulator Tool”**

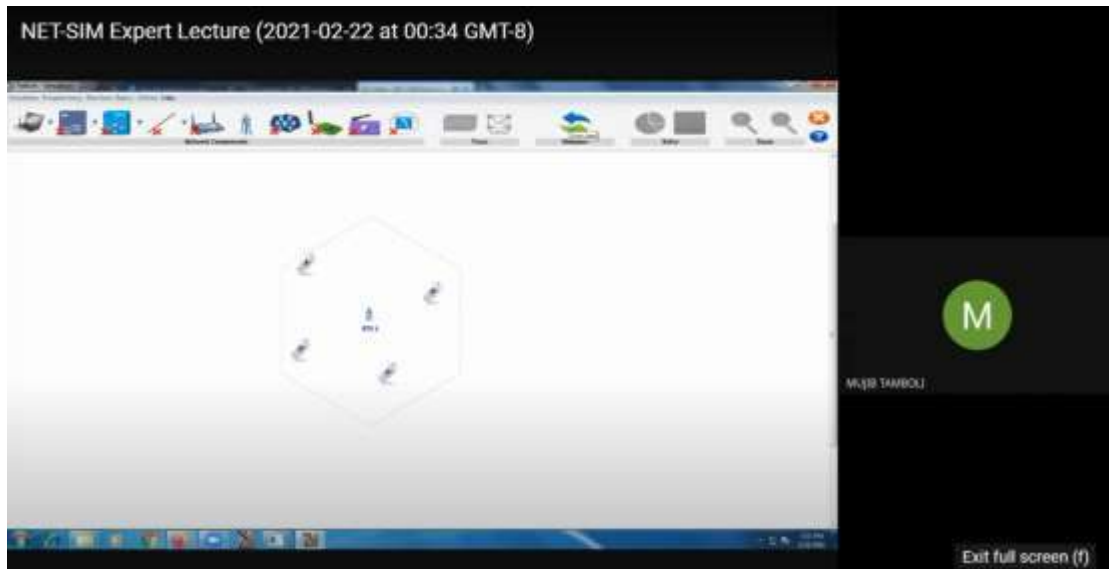
A webinar on “NET SIM - A network Simulator” was organised under IETE Student Forum by the Department of Electronics and Telecommunication Engineering for SE, TE and BE students on 22<sup>nd</sup> Feb, 2021. Dr. Mujib Tamboli, Assistant Professor AIKTCE was invited as guest speaker for this session.

The NetSim is an end-to-end, full stack, packet level network simulator and emulator. It provides network engineers with a technology development environment for protocol modelling, network R&D and military communications. The behaviour and performance of new protocols and devices can be investigated in a virtual network within NetSim at significantly lower cost and in less time than with hardware prototypes.

Dept ISF Coordinator Mr. Pratik Mhatre organised this event. The speaker explained the usage of this software and different scenarios which can be helpful in studying technologies like Bluetooth, Zig-Bee, Mobile Communication. The QA part of the session was really fruitful as students took part actively and cleared their queries. Session ended with vote of thanks by Head of the Department, Dr. Mansi Subhedar.

Session feedback submitted by students has confirmed the effectiveness of the session.





**MahatmaEducationSociety's**

**Pillai HOC College of Engineering & Technology, Rasayani**

**Department of Electronics & Telecommunication Engineering**

**Workshop on "Interview - Preparation"**

A webinar on “Interview Preparation” was organised under IETE Student Forum by the Department of Electronics and Telecommunication Engineering for SE, TE and BE students on 17<sup>th</sup> April, 2021. Mr Gokul Nair, Resource Management Lead in Capgemini Apps Europe PAN India was invited as guest speaker for this session.

Dept ISF Coordinator Mr. Pratik Mhatre organised this event. The speaker explained about Resume preparation, HR Rounds, new Online Recruitment Process & resources available for preparation and many more. Guidelines were given for Online resources for interview preparations, practice sessions and tips and tricks for Aptitude Test were also highlighted by the speaker.

The QA part of the session was really fruitful as students took part actively and cleared their queries. Session ended with vote of thanks by Head of the Department, Dr. Mansi Subhedar. Session feedback submitted by students has confirmed the effectiveness of the session.

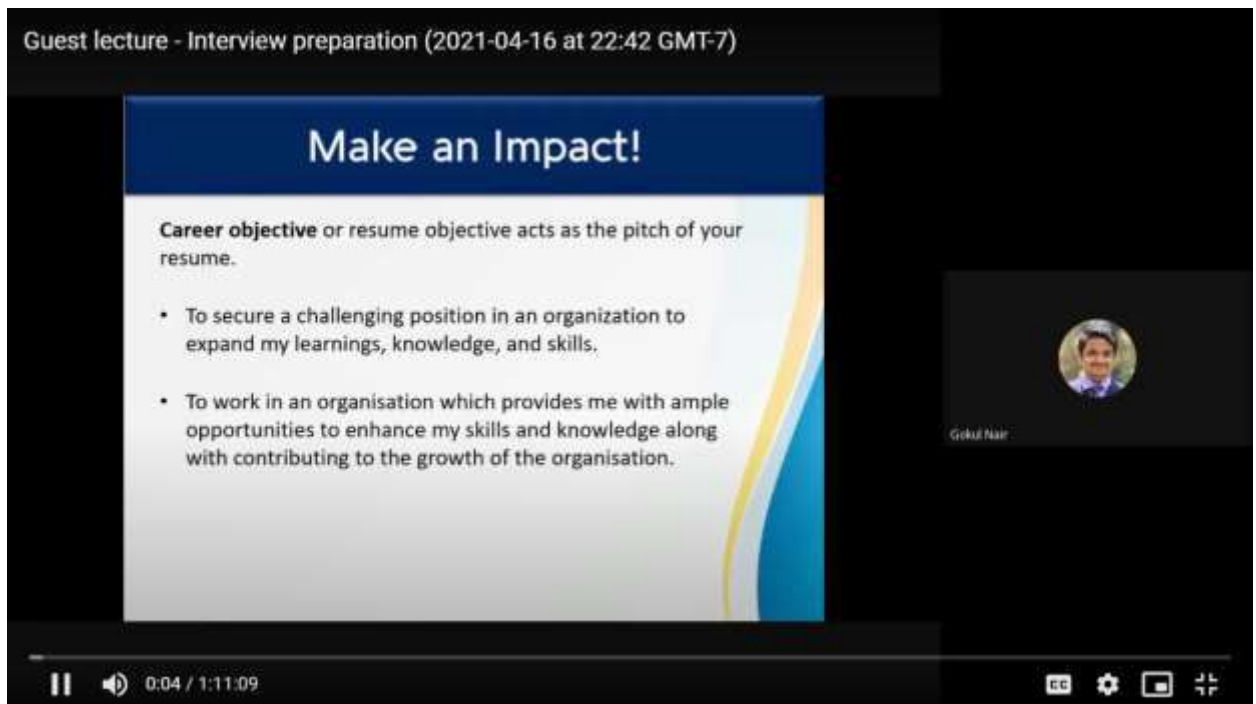
Guest lecture - Interview preparation (2021-04-16 at 22:42 GMT-7)

## Make an Impact!

Career objective or resume objective acts as the pitch of your resume.

- To secure a challenging position in an organization to expand my learnings, knowledge, and skills.
- To work in an organisation which provides me with ample opportunities to enhance my skills and knowledge along with contributing to the growth of the organisation.

0:04 / 1:11:09



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Electrical Engineering

Speaker Profile: Mr. Yusuf Baig, Internal Auditor and Management Representative NEPL Holdings Limited Khopoli, possess M.Tech. in Manufacturing from Anna University and Bachelor's degree in Mechanical Engineering from Mumbai University. Sir is pursuing MBA in Operations from ITM University. Sir has vast experience of more than 10 years and worked as various post of Quality Engineer, Auditor etc. Prof. Aamir Shaikh introduced the Speaker and Session started.

Date : 21st November, 2020

Platform : Google Meet

Co-coordinator : Prof. Aamir Shaikh and Prof. Pranita Chavan

Department : Electrical Engineering

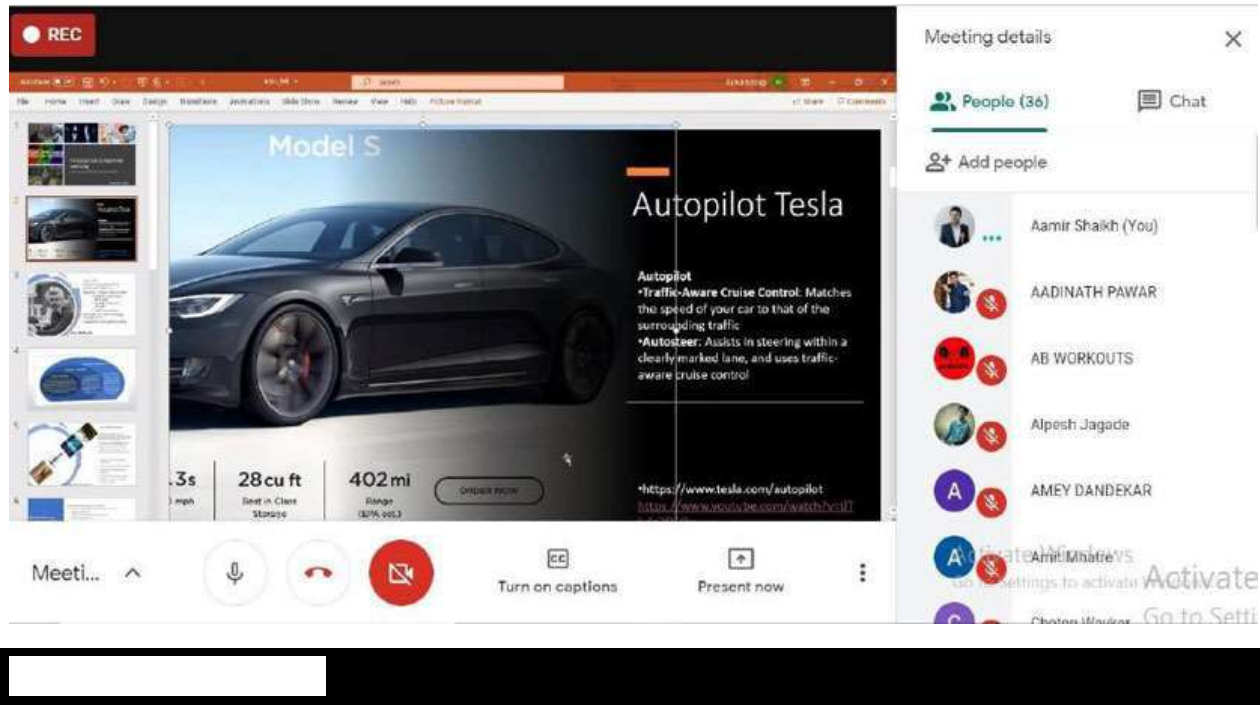
Schedule:

Time	Programme
11:00 a.m. to 11:15 a.m.	Inauguration
11:15 a.m. to 12:45 p.m.	Lecture
12:45 p.m. to 01:00 p.m.	Vote of Thanks

Expert Talk:

Speaker started the session with awareness of industry requirements and challenges. Sir explained about the scenario of syllabus and what should be done by each and every students to meet the market requirements. Sir explained the corporate culture and importance of dedication in every aspect. Various equipment's handled by industry has to be managed, tested and dispatched with proper protocol to be followed.





Sir has explained that opportunities are more in manufacturing industries. The operating temperature will be more than 45 degrees and 24 hours production of materials is in process. Special materials are required for any kind of manufacturing industries and need equal manpower where an Engineer can easily grab the requirement. Sir also explained that Mechanical, Electrical and Civil are work of field and has to be planned accordingly. Mental stress management is key in engineering education. With positive thinking and attitude an Engineer can solve all the problems.

This expert session has great impact on students as well as faculties as how the gap between industry and academics can be bridged and to deal with it as well as planning of future.

Total 70 participants have attended the session and all have given positive feedback and requested to conduct such session in future also. Prof. Ronita Pawn Mam concluded the session with vote of thanks to Speaker and Heads of Institution.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

## Department of Electrical Engineering

### **Career guidance- experts discussion with IIT bombay Mtech professionals**

An Online Workshop on “Career Guidance – Experts Discussion with IIT Bombay M.Tech. Professionals” was conducted on 25th April, 2021. Total 65 students attended this workshop. Mr. Swapnil Gandhi, Mr. Vaibahav, Mr. Nelson from IIT Bombay, Department of Energy science and Engineering were the resource persons for this workshop.

Date                      25th April, 2021

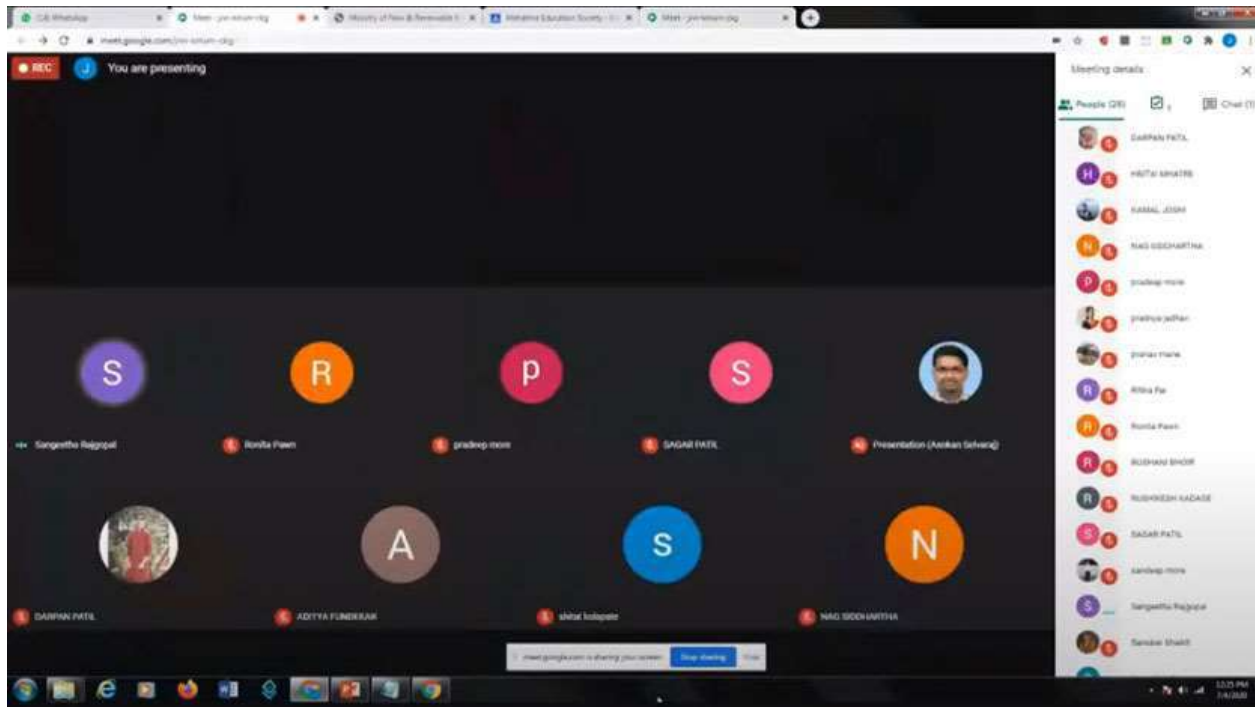
Theme                    Online workshop

Mode                     Google meet platform

Target Audience       S.E., T.E. and B.E.

Trainer                 Mr. Swapnil Gandhi, Mr. Vaibahav, Mr. Nelson

Workshop was conducted on Online Google meet platform. This workshop was designed to assist students in better career decision making by identifying their potential. They shared their experiences of GATE preparation and IIT (M.Tech.) interview point of view. Since all speakers were placed through campus interview, they have shared their Industry interaction experience to help the students to choose appropriate subject and area to set their career path associated with their interest. Mr. Swapnil shared his knowledge and spoke about how to prepare for GATE and various career connected to it. Mr. Vaibahav shared his experience on how to meet the challenges in the real world to achieve in the field of Electrical Engineering. Mr Nelson spoke about job opportunities in three different areas; one was Core electrical area and other two were IT and Finance sectors.



In online workshop following content also was covered.

Techniques for Gate preparation, searching proper free materials

Opportunities in Government sectors for Electrical Engineers and Packages

Top Electrical based companies interview preparation

Tips to clear M.Tech. (IIT, NIT) interviews... etc.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Electrical Engineering

Introduction to Machine Learning





Meet - new - Google Chrome  
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**REC**

Meeting details

People (36) Chat

Add people

Aamir Shaikh (You)

AADINAIH PAWAR

AB WORKOUTS

Alpesh Jagade

AMEY DANDEKAR

Amir Mhatre

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Autopilot Tesla

Autopilot

- Traffic Aware Cruise Control: Matches the speed of your car to that of the surrounding traffic
- Autosteer: Assists in steering within a clearly marked lane, and uses traffic-aware cruise control

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**REC**

Manoj Prasad and 14 more

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Rahul Kodag

Dipali Shinde

Presentation (Rahul Kodag)

Hussain Mulla

Alpesh Jagade

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Ronita Pawn

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Shubham Pednekar

HRITIK MHATRE

Kunal Dikle

Vaishnavi Mhatre

VINAYAK SATPUTE

SAGAR PATIL

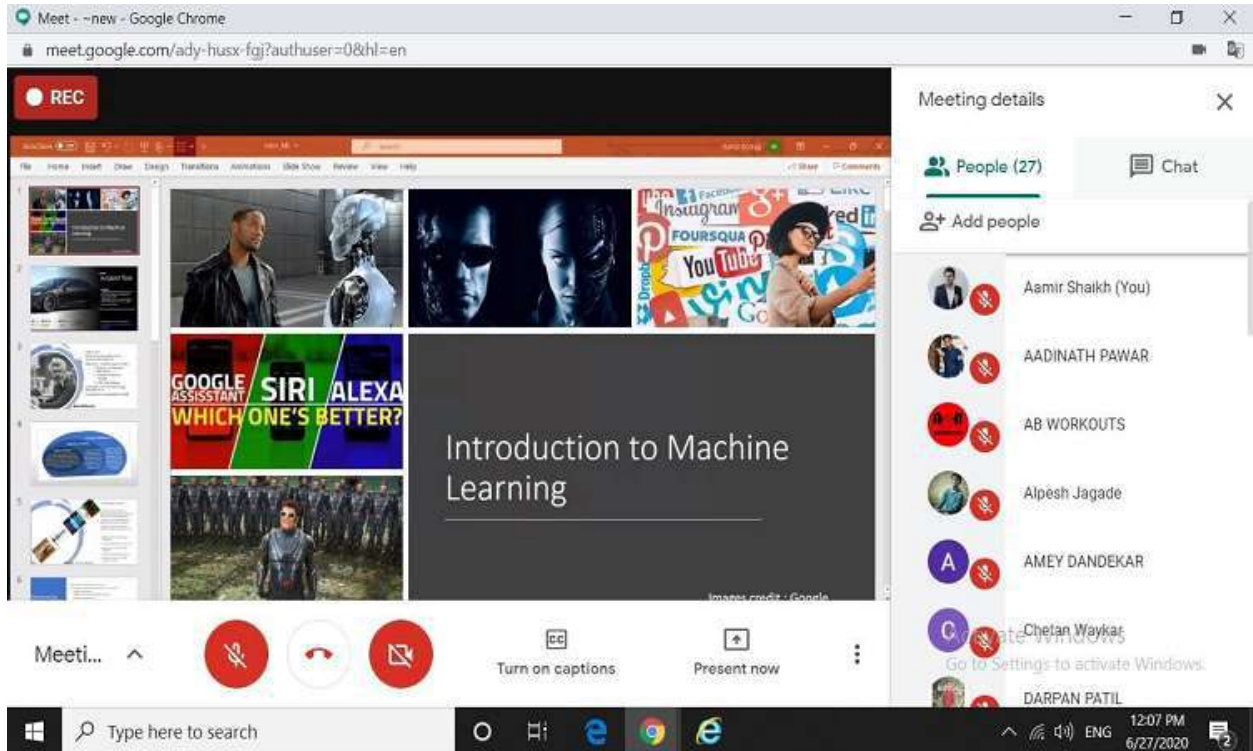
AB WORKOUTS

Meeting details

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## Expert Talk :

The guest speaker took over the session with awareness that we all are surrounded by machine learning as we are surfing net , movies , songs come in feed as per our interest and latest search. Sir explained types of machine learning, its association with Artificial Intelligence and its advantages. Sir has given example of spam mail as how machine is identifying inbox mail and after comparison and history it diverts to spam mail Sir has demonstrated various videos explaining how machine learning works in real life. Sir has shown few hardware projects done by him which makes students anxious to ask questions. Final year students asked Sir about project ideas in field of Machine learning. Prof. Ronita Pawn Mam concluded the session with vote of thanks to Speaker and Heads of Institution.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Electrical Engineering

**Use of IOT in Electrical Engineering**

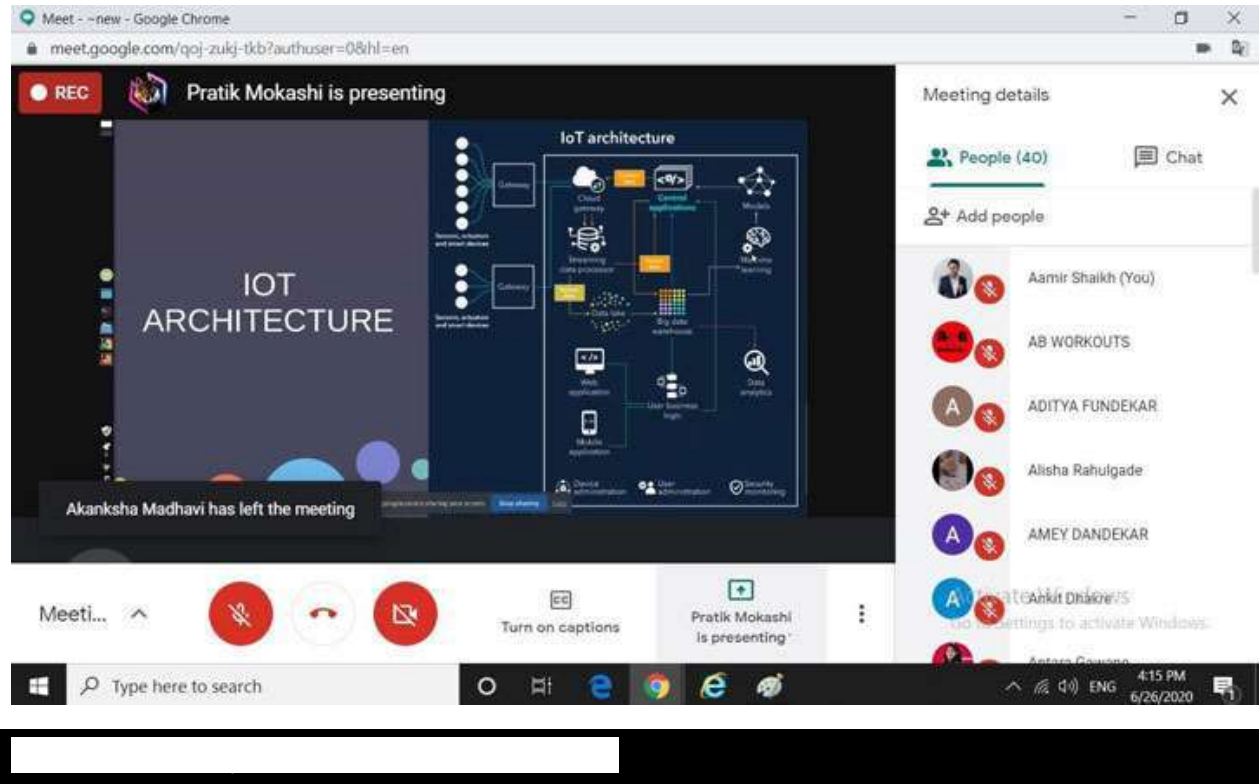
Speaker Profile: Mr. Pratik Mokashi, Alumni of Pillai HOC College of Engineering and Technology currently working as an Embedded Engineer at RAZR Private Ltd. He has been working for 02 years in design and research domain along with projects funded by Taiwan, China, Dubai etc. He is expertise in Internet of Thing and Embedded system design. He is currently working on project based on IOT. Recently he has delivered a talk at Bangalore where more than 1500 engineers were present.

Date	26th June, 2020
Platform	Google Meet
Co-coordinator	Prof. Aamir Shaikh and Prof. Pranita Chavan
Department	Electrical Engineering

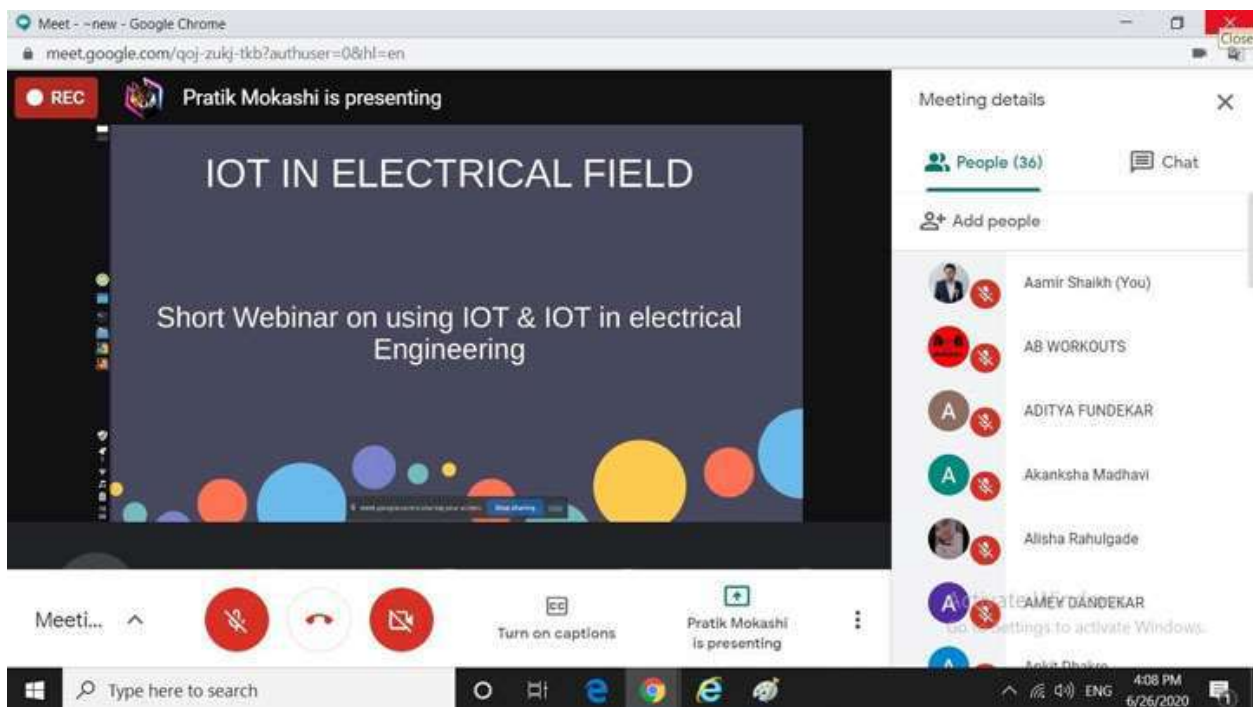
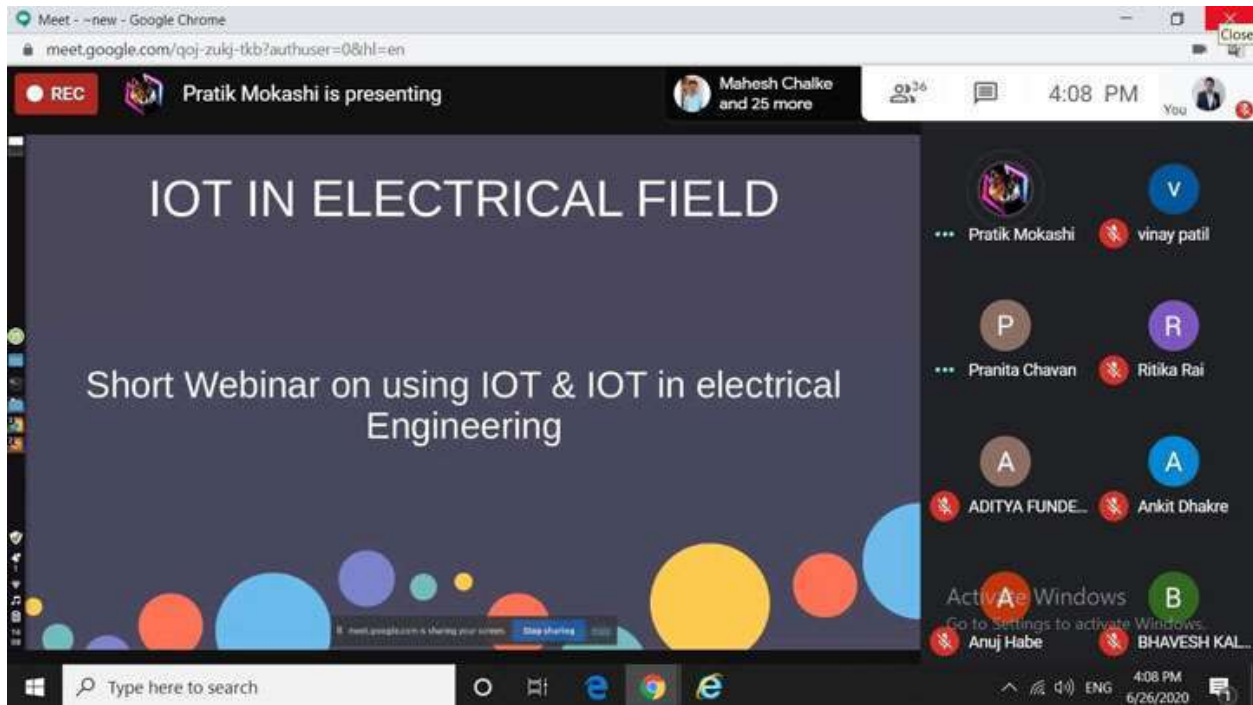
Schedule:

Time	Programme
04:00 p.m. to 04:15 p.m.	Inaugration
04:15 p.m. to 05:45 p.m	Lecture
05:45 p.m. to 06:00 p.m.	Vote of Thanks

Expert Talk: The guest speaker took over the session with introduction of internet of thing and its overview. Sir have explained with basic of microcontrollers and its evolution to Aurdino and Rasberry pi. Control of appliances can be done through IOT, same can be applied to transformer and motors using IOT. Sir has explained the need and scope of IOT in electrical engineering with various examples.







Sir has demonstrated circuits and kits made by him for live projects on which he is working. Sir has given project ideas like Agriculture monitoring using IOT and how it can be useful to society. Students asked doubts on feasibility and availability of components for projects whose

answer was given by Sir. Prof. Ronita Pawn Mam concluded the session with vote of thanks to Speaker and Heads of Institution.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Electrical Engineering

### **Self Management**

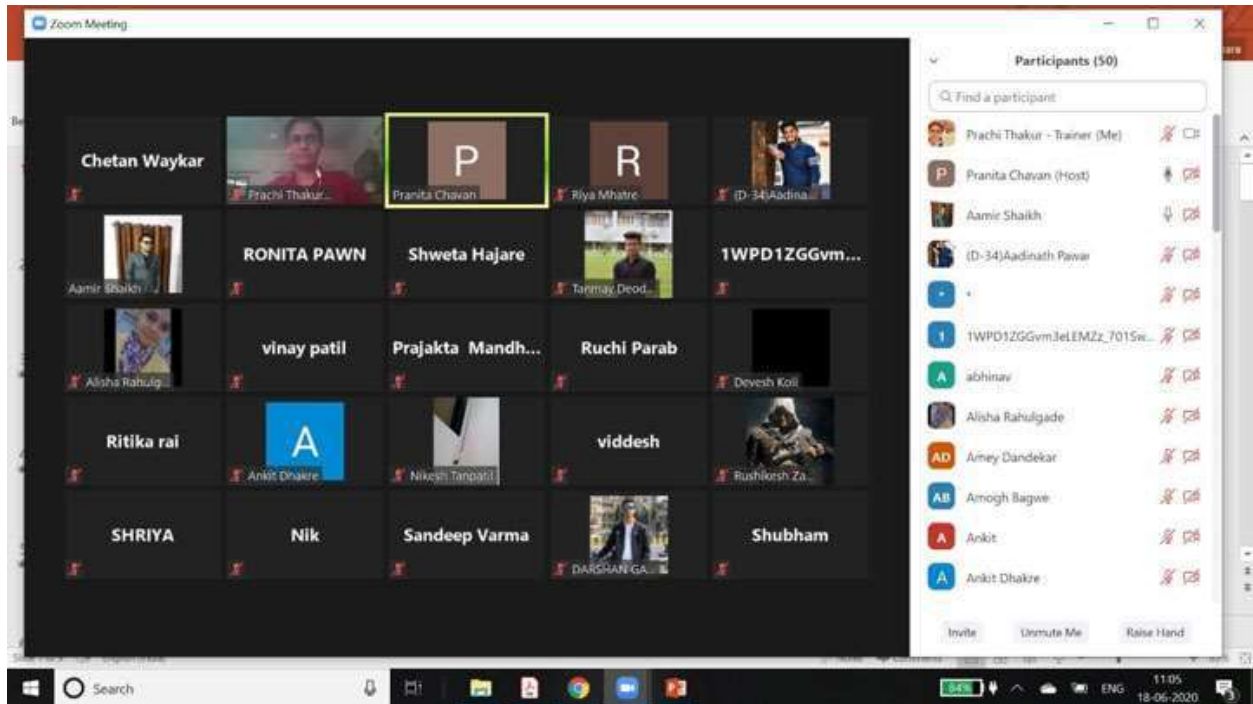
**Speaker Profile:** Ms. Prachi Thakur, Psychologist, Social Activist, Counsellor and Motivational Speaker possess bachelor's degree in Electrical engineering and Masters in Psychology has more than 18 years of experience in skills training, social activities and mindfulness practitioner. Mam is certified trainer and have given various talk on positive mindset and self management. Prof. Aamir Shaikh introduced the Speaker and Session started.

Date	18th June, 2020
Platform	Zoom App
Co-coordinator	Prof. Pranita Chavan
Department	Electrical Engineering

Schedule:

Time	Programme
11:00 a.m. to 11:15 a.m.	Inaugration
11:15 a.m. to 12:45 p.m.	Lecture
12:45 p.m. to 01:00 p.m.	Vote of Thanks

Speaker started the session with awareness of Covid-19 among students with the precautionary measures to be taken and consequences of Corona was highlighted Mam explained how to be mentally strong in such situation by meditation, deep breath and yoga where students interacted positively. In such situation what should be the prime responsibility of citizen was addressed.



Students were motivated to utilise time and work with NGO for making masks, distribution of sanitizer and work in all possible way to fight against Corona. Students were shown presentation on online platform and asked to discuss doubt without hesitation. Bhavesh Kalyankar student from B.E. Electrical asked question about positive thinking and he was happy by the support of college.

Mam explained the scenario of current situation with examples and we as responsible citizen should contribute to state government and central government and together as a nation we will win against Corona. Various projects like Mask with face image can be made to provide needy

and projects related to sanitization, safety, cleanliness should be done and as an engineer projects done will be boon to society. Mental stress management is key in such lockdown condition because we have to cope up with daily stress. With positive thinking we as a nation will overcome this pandemic and post pandemic planning of education and finance should be done.

This expert session has great impact on students as well as faculties for awareness of Covid-19 and how to deal with it as well as planning of future.

Total 72 participants have attended the session and all have given positive feedback and requested to conduct such session in future also.



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Information Technology

The NVIDIA Deep Learning Institute (DLI) and Pillai HOC College of Engineering and Technology, Rasayani, has organized Two days Workshop on "Fundamentals of Accelerated Computing with CUDA C/C++". Workshop is organized by Department of Information Technology; this is scheduled on 16th and 17th April 2021 exclusively for verifiable academic students, staff, and researchers.

In this Workshop 51 participants registered and actively participated for the course. 14 participants successfully completed and received certificate from NVIDIA as they have cleared final test of Fundamentals of Accelerated Computing with CUDA C/C++ by NVIDIA(DLI). This workshop conducted online with google meet mode.

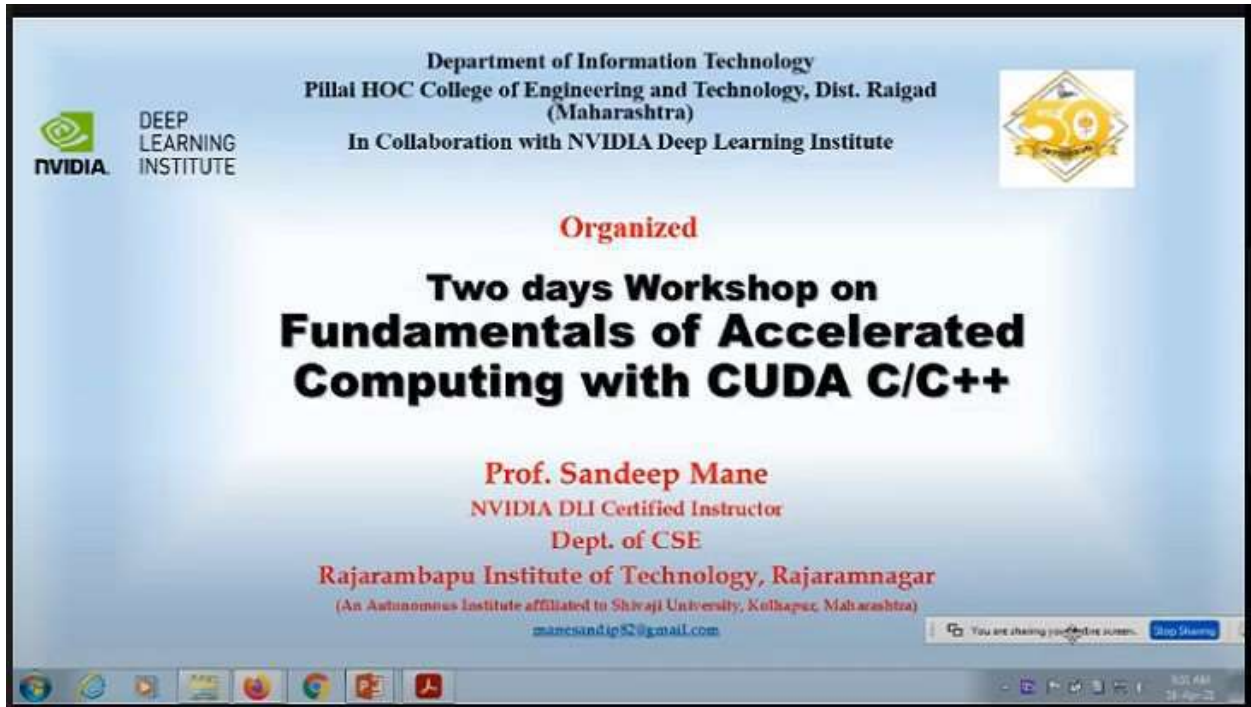
This Workshop is practical oriented beneficial to UG and PG students. To recognize their subject matter competency and support professional career growth.


The objective of this workshop is to learn fundamental tools and techniques for accelerating C/C++ applications to run on massively parallel GPUs with CUDA®.


The workshop also looks at optimize memory migration between the CPU and GPU accelerator, and implement the workflow.

The course further examines the actions and processes that can be used to Accelerate Applications with CUDA C/C++

NVIDIA DLI offers hands-on training for developers, data scientists, and researchers looking to solve challenging problems with deep learning and accelerated computing.




 Department of Information Technology  
 Pillal HOC College of Engineering and Technology, Dist. Raigad  
 (Maharashtra)  
 In Collaboration with NVIDIA Deep Learning Institute

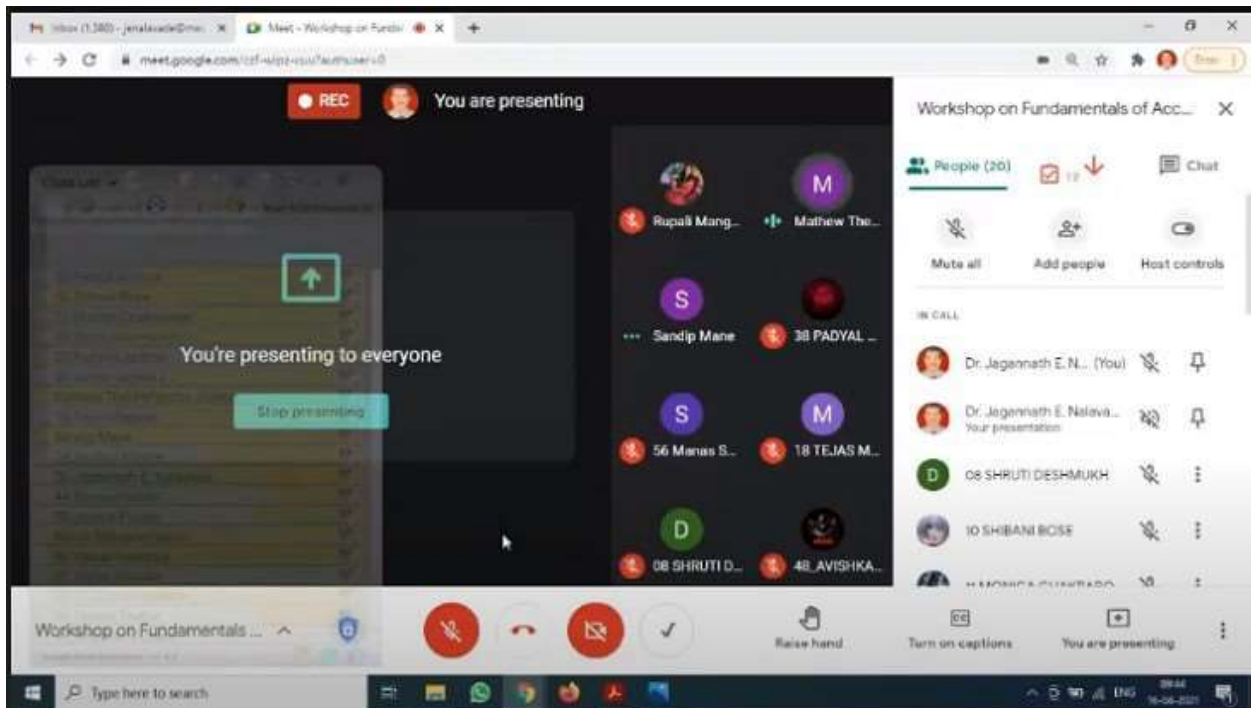


**Organized**  
**Two days Workshop on**  
**Fundamentals of Accelerated**  
**Computing with CUDA C/C++**

**Prof. Sandeep Mane**  
 NVIDIA DLI Certified Instructor  
 Dept. of CSE  
 Rajarambapu Institute of Technology, Rajaramnagar  
 (An Autonomous Institute affiliated to Shivaji University, Kolhapur, Maharashtra)  
[manesandip52@gmail.com](mailto:manesandip52@gmail.com)

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- Dr. Jagannath E. N.L. (You)
- Dr. Jagannath E. Nalava... Your presentation
- 08 SHRUTI DESHMUKH
- 10 SHIBANI BOSE
- 48 AVISHKA...

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# Sequential vs Parallel

## Scenario 1

**Task:** Digging a 20 meter big hole  
**Resources:** 1 Worker, 1 shovel  
**Efficiency:** 1 meter per hour  
**Time:** 20 Hrs.



16-04-2021

Fundamentals of Accelerated Computing with CUDA  
C/C++

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8

# Schedule

## Day 1

- Fundamentals of accelerated Computing using CUDA C/C++
- CUDA Programming execution model and thread organization.
- CUDA visual and command line profiling with vector addition

## Day 2

- CUDA visual and command line profiling with vector addition.
- Case studies vector addition and unified memory.
- CUDA unified memory and CUDA streams.
- Final Project.

16-04-2021

Fundamentals of Accelerated Computing with CUDA  
C/C++

You are sharing your entire screen. [Stop Sharing](#)



2

This workshop teaches the fundamental tools and techniques for accelerating C/C++ applications to run on massively parallel GPUs with CUDA®. You'll learn how to write code, configure code parallelization with CUDA, optimize memory migration between the CPU and GPU accelerator, and implement the workflow that you've learned on a new task - accelerating

a fully functional, but CPU-only, particle simulator for observable massive performance gains. At the end of the workshop, you'll have access to additional resources to create new GPU-accelerated applications on your own.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Information Technology

Pillai HOC College of Engineering and Technology successfully conducted Online Workshop on "R Programming" organized by the Department of Information Technology on 24th April, 2021 for Teaching Staff and Students of PHCET. 81 number of students participated in the workshop.

Date : 24th April, 2021

Platform : Zoom Link

Resource Person : Prof AnupKhunte, KGCE Karjat

Coordinator: Mrs. Farheen Talib, Mr. Shidesh Khanvilkar

R is a language and environment for statistical computing and graphics. It is a GNU project which is similar to the S language and environment which was developed at Bell Laboratories (formerly AT&T, now Lucent Technologies) by John Chambers and colleagues. R can be considered as a different implementation of S. There are some important differences, but much code written for S runs unaltered under R.

R provides a wide variety of statistical (linear and nonlinear modelling, classical statistical tests, time-series analysis, classification, clustering, ...) and graphical techniques, and is highly extensible. The S language is often the vehicle of choice for research in statistical methodology and R provides an Open Source route to participation in that activity.

One of R's strengths is the ease with which well-designed publication-quality plots can be produced, including mathematical symbols and formulae where needed. Great care has been taken over the defaults for the minor design choices in graphics, but the user retains full control.

R is available as Free Software under the terms of the Free Software Foundation's GNU General Public License in source code form. It compiles and runs on a wide variety of UNIX platforms and similar systems (including FreeBSD and Linux), Windows and MacOS.



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Mechanical Engineering

## Composites: Fracture Toughness, NDE and Failure Analysis

**Date -15<sup>th</sup> March to 20<sup>th</sup> March, 2021**

**Time-09:30 to 03:00 PM**

**Platform -Online** (Zoom license)

**Department- Mechanical Engineering**

**No. of students participated- 60**

**Event head & coordinator- Dr. R.C. Prasad**

**Co-coordinator - Dr. G.V. Patil and Mr. Sunilsing Rajput**

The Department of Mechanical Engineering, Pillai HOC College of Engineering & Technology was granted approval to conduct Short Term Training Program ( STTP ) under AQIS 2019-20 during the financial year 2020-21 vide Ref.No.:34-66/442/FDC/STTP/Policy-1/2019-20 dated 10 August 2020 on “ Composites: Fracture Toughness, NDE & Failure Analysis “

The Director Faculty Faculty Development Cell of the AICTE vide their Drawing & Disbursing officer sanctioned payment of Rs.2,99,667/-for conducting STTP under Head 601.15(a)STTP Plan.

The original STTP was residential program of 6 days duration with minimum 40 participants.

However, due to pandemic of COVID-19 the Institute was allowed to conduct STTPs through online mode with the stipulated conditions.

The first STTP was conducted during March 15-20, 2021. The highlight of the STTP has been the participation of leading professional societies in the country like Society for Automotive Engineering, Western Region, Institution of Engineers, Maharashtra Region, ASM International India Chapter, Society for Failure Analysis, Mumbai Chapter, Indian Society for Remote Sensing, Mumbai Chapter, Materials Recycling Association of India and the Indian Rubber Manufacturers Research Association, Mumbai. Their involvement immensely benefited participants and allowed them to interact with industries related to the subject matter of the STTPs. STTP covered processing of Polymers, Polymer Blends & Composites, and their mechanical and Non-destructive characterization to ensure quality assured industrial products. This was followed by case studies of failures in different industrial sectors and ways and means to prevent such failures. The STTP also covered advanced manufacturing processes like additive manufacturing and 3D printing. The lectures were delivered by the industry experts, faculty from NITs and IITs as well as leading foreign universities. The applications of Polymers, composites and NDE for medical applications were also covered by

eminent speakers. The details are given in the Proceedings and the program schedule. The entire program was monitored by duly constituted Program Monitoring Committee as per directives of the AICTE. The committee members held several meetings through the Zoom link and brought the program to a successful conclusion.

You are cordially invited  
for the Inaugural Function of the AQIP-STTP on  
Composites : Fracture Toughness, NDE and Failure Analysis  
on Monday, March 15, 2021 During 9:00 AM to 10:00 AM

Organised By



Supported By



### INAUGURAL PROGRAM SCHEDULE

#### Session Details

Time	Session Details
9:00 AM	Welcome & Opening remarks by Prof. R.C. Prasad, Coordinator and Vice Chair, SFA Mumbai Chapter
9:05 AM	Presidential Address by Dr. Lata Menon, Deputy CEO, Resayani Campus
9:15 AM	Address by Dr. Mathew T. J., Principal, PHCET
9:20 AM	Address by Dr. H. M. Rajje, Chairman, Institution of Engineers, Maharashtra State Centre
9:25 AM	Address by Mr. Sudhakar Bonde, Chairman ASM International, India Chapter
9:30 AM	Address by Mr. Sanjay Nibhande, Deputy Director ARAI Chakan, Chairman SAE Western Region
9:35 AM	Address by Dr. Rajkumar Kasilingam, Director, IRMRA, Mumbai
9:40 AM	Address by Dr. Sameer Joshi, Chairman, Plastic Committee, MIRA
9:45 to 10:00 AM	Inaugural Lecture by Mr. Subodh Sharma, COO, Tina Rubber and Infrastructure Ltd.

On

"Circular Economy and Sustainability through recycling of Tyres"

On

10:00 to 10:15 AM Inaugural Lecture by Mr. Ulhas Parlikar, Global Consultant, Waste Management, AFR & Co-processing.

On

"Circular Economy and Sustainability through recycling of Plastics"

10:15 AM Vote of Thanks by Dr. G.V. Pastil, Professor & Head, Dept. of Mechanical Engineering, PHCET

10:15-11:30 AM Session I

RVSP : Dr. R. C. Prasad  
Coordinator and Vice Chair, SFA  
Mumbai Chapter  
Email ID: rcpasad@mes.ac.in  
Mobile Number : 8433883165

Link for joining the Inaugural Function: <https://us02web.zoom.us/j/3276544465?pwd=12345>

AICTE APPROVED STTP ON "COMPOSITES: FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS

STTP - 3: SCHEDULE

Host for the event: Prof.R. C.Prasad

Co-host: Dr. G.V. Patil, Sunilang Rajput & Ameya More

Session	Time	Day 1 - 15th March 2021	Day 2 - 16th March 2021	Day 3 - 17th March 2021	Day 4 - 18th March 2021	Day 5 - 19th March 2021	Day 6 - 20th March 2021
	9:00 am	INAUGURAL FUNCTION					
Session 1	9:30 am to 10:00 am	<p>Dr. Atul Kumar Rajar Dr. Prakash D. Trivedi , Gharda Chemicals Mumbai</p> <p>High Performance Plastics for Composites</p> 	<p>Dr. Debodatta Ratra, Scientist-F, NIMR, Amersar, Naval Matrix Composites for Naval Applications</p> 	<p>Dr. Sunjay Zaiter, Assistant Professor, School of Engineering, Indian Institute of Technology, Mumbai</p> <p>Manufacturing of polymer composites using microwave energy</p> 	<p>Dr. Ranji Manoharan, Department of Mechanical &amp; Aerospace Engineering, Adhesively Bonded Joints in Composite Structure</p> 	<p>Prof. P. J. Guruprasad, Department of Aerospace Engineering, IIT Bombay</p> <p>Analysis of interlaminar cracking of composite laminates</p> 	<p>Dr. Giriprasad Rao, Director &amp; Mentor (Leadership Team) Imaginarium India Pvt. Ltd. 3D printing of Functionally Graded Materials- an Overview</p> 
Session 2	10:40 am to 11:20 am	<p>Dr. Vinendra Kumar Gupta, Head R&amp;D &amp; Senior VP, Reliance Research, Mumbai</p> <p>Advanced Polymers &amp; Composites for high performance Applications</p> 	<p>Dr. Shantanu C. Prabhune, AGM, L&amp;T Mumbai</p> <p>Processing Composites at L&amp;T Defence : An Industry Perspective:</p> 	<p>Dr. Dattaji K. Shinde, Professor VJTI, Mumbai, FEM of Nano engineered Composites &amp; its Molecular Dynamics</p> 	<p>Silva Mahapatra, Professor (IAG) Department of Mechanical Engineering, IIT, Rourkela</p> <p>Parametric Appraisal of Mechanical and Wear Behaviour of FDM build Parts</p> 	<p>Prof. Jaya B. Naganani, Department of Metallurgical Engineering and Materials Science, IIT Bombay</p> <p>Fracture Toughness Testing &amp; Integrity Assessment of Composites Across Multiple Length Scales</p> 	<p>Dr. A.S. Rao, Assistant Professor, VJTI, Mumbai</p> <p>3D Printing</p> 
Session 3	11:50 am to 01:00 pm	<p>Dr. Bharat Kagade, Dr. Rajkumar Kallangam, IRMRA Mumbai</p> <p>Testing of Tyres and Reinforcement fibers for Durability Assessment</p> 	<p>Sri. Kashinath Desai, Group Director, ARDE DRDO</p> <p>R&amp;D Innovation on Hybrid Carbon-Glass Epoxy Gun Barrel for shoulder fired launcher</p> 	<p>Mr. Sanyarayan Jodabge, Founder, Jodabge Associates</p> <p>Processing and Properties of Metal Foams</p> 	<p>Dr. Manmohan Das Gask, Professor, VIT Nagpur</p> <p>Processing and Properties of Metal Foams</p> 	<p>Dr. Himanshu Pathak, Assistant Professor, School of Engineering, Indian Institute of Technology, Mumbai</p> <p>Computational modeling of composite materials: Fracture and Mean field Homogenisation study.</p> 	<p>Dr. Praveer Verma, Scientist-F, DSRDE, Kanpur</p> <p>Failure Analysis of Polymer Matrix Composites</p> 
Session 4	1:00 pm to 2:30 pm	<p>Dr. R.C. Prasad, Mr. Sunilang Rajput</p> <p>Technological Innovation &amp; Value Addition through Recycling &amp; Failure Analysis</p> 	<p>Prof. Chandra Selvar Yerramilli, Department of Aerospace Engineering, IIT Bombay</p> <p>Challenges in Design &amp; Manufacturing of Composites</p> 	<p>Mr. Ronzath B., DIAB, Sweden</p> <p>Fabrication of Sandwich Composites and it's Applications</p> 	<p>Dr. Shyam Sunder M. Farmer, Principal Scientist, IICAR, Kalpaikan</p> <p>Chairman, National Certification Board, ISNT</p> <p>NDE of Composites - Trends and Advances</p> 	<p>Dr. C. M. Manjunatha, Chief Scientist, M&amp;L, Bangalore</p> <p>Fatigue and Fracture of Composites</p> 	<p>Visit to Virtual Lab &amp; QUIZ TEST</p> 
Session 4	2:10 pm to 3:00 pm	Remarks by Session Chairman:	Remarks by Session Chairman:	Remarks by Session Chairman:	Remarks by Session Chairman:	Remarks by Session Chairman:	VALEDICTORY ELIMINATION



**Additive Manufacturing (3D Printing)**

**3D Printing (Laser Sintering):**



The EOS P800 Machine, majority PEEK and PEKK laser sintering in the world is done using this machine

- Currently the global 3D printing market is \$3.5 – 4.5 billion with many key companies from multi billion dollar establishments such as Stratasys (Valencia CA), EOS (Dresden Germany) and 3D Systems (Rockhill SC), Oxford (Windsor CT) through start ups such as Arevo Labs (Santa Clara CA) and , 3NTR (Milano Italy)
- Advanced Laser Materials (Division of EOS) have also started manufacturing in the US using PA12 and PEKK and similar.
- This technology is a "game changer" and is a revolution in manufacturing technology forecasted to double in size every 5 to 7 years. The business was valued at \$1.7 billion in 2011 to give an idea of growth factors.
- A new database (<http://senvol.com/database/>) is now available that shows all the machinery and suppliers of raw materials. It is our objective to get our PEKK listed.



Atul Raju

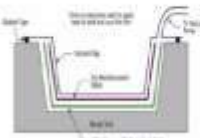
**MANUFACTURING PROCESSES**



Tape Winding



Prepreg Layup  
Autoclave Curing



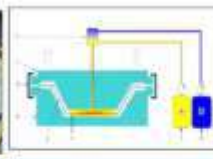
Resin Film Infusion



Filament Winding



Vacuum Assisted Resin  
Infusion Molding (VARIM)



Vacuum Assisted Resin  
Transfer Molding (VARTM)

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Mechanical Engineering

# Composites: Fracture Toughness, NDE and Failure Analysis

**Date -18<sup>th</sup> January to 23<sup>rd</sup> January, 2021**

**Time-09:30 to 03:00 PM**

**Platform -Online (Zoom license)**

**Department- Mechanical Engineering**

**No. of students participated- 56**

**Event head & coordinator- Dr. R.C. Prasad**

**Co-coordinator - Dr. G.V. Patil and Mr. Sunilsing Rajput**

The Department of Mechanical Engineering, Pillai HOC College of Engineering & Technology was granted approval to conduct Short Term Training Program ( STTP ) under AQIS 2019-20 during the financial year 2020-21 vide Ref.No.:34-66/442/FDC/STTP/Policy-1/2019-20 dated 10 August 2020 on “ Composites: Fracture Toughness, NDE & Failure Analysis “

The Director Faculty Faculty Development Cell of the AICTE vide their Drawing & Disbursing officer sanctioned payment of Rs.2,99,667/-for conducting STTP under Head 601.15(a)STTP Plan.

The original STTP was residential program of 6 days duration with minimum 40 participants.

However, due to pandemic of COVID-19 the Institute was allowed to conduct STTPs through online mode with the stipulated conditions.

The first STTP was conducted during January 18-23, 2021. The highlight of the STTP has been the participation of leading professional societies in the country like Society for Automotive Engineering, Western Region, Institution of Engineers, Maharashtra Region, ASM International India Chapter, Society for Failure Analysis, Mumbai Chapter, Indian Society for Remote Sensing, Mumbai Chapter, Materials Recycling Association of India and the Indian Rubber Manufacturers Research Association, Mumbai. Their involvement immensely benefited participants and allowed them to interact with industries related to the subject matter of the STTPs. STTP covered processing of Polymers, Polymer Blends & Composites, and their mechanical and Non-destructive characterization to ensure quality assured industrial products. This was followed by case studies of failures in different industrial sectors and ways and means to prevent such failures. The STTP also covered advanced manufacturing processes like additive manufacturing and 3D printing. The lectures were delivered by the industry experts, faculty from NITs and IITs as well as leading foreign universities. The applications of Polymers, composites and NDE for medical applications were also covered by eminent speakers. The details are given in the Proceedings and the program schedule.

The entire program was monitored by duly constituted Program Monitoring Committee as per directives of the AICTE. The committee members held several meetings through the Zoom link and brought the program to a successful conclusion.





**AICTE APPROVED STTP ON "COMPOSITES: FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS**

STTP - 2 : SCHEDULE		Host for the event: Prof. R. C. Prasad				Co-host: Dr. G.V. Patil, Sunilising Rajput & Aranya More	
Session	Time	Day 1 - 18th Jan 2021	Day 2 - 19th Jan 2021	Day 3 - 20th Jan 2021	Day 4 - 21st Jan 2021	Day 5 - 22nd Jan 2021	Day 6 - 23rd Jan 2021
	9:00 am to 9:30 am	<b>INAUGURAL FUNCTION</b>					
Session 1	9:30 am to 10:40 am	<p><b>Dr. Prakash D. Trivedi, Ghanshyam Chemicals (Mumbai)</b> Processing and Properties of High Performance Plastics</p> 	<p><b>Dr. Debajata Ratna, Scientist-F, NMRL, Ambermath</b> Polymer Matrix Composites for Naval Applications</p> 	<p><b>Prof. Shankar Sastry, Christopher I. Byrnes Professor of Engineering, Washington University in St. Louis, USA</b> Biomimetic Approach to the Development of Damage Tolerant Ceramic Composites</p> 	<p><b>Prof. Shivdhar Yantagadda, University of Delaware, USA</b> Crashworthy Design of Composites for Automotive Applications</p> 	<p><b>Prof. Ramesh Talreja, Tennesse Professor, AASAS Science and Technology Policy Fellow, Joint Faculty in: Aerospace Materials Science &amp; Engineering, TEXAS A&amp;M UNIVERSITY, USA</b> Damage, Fatigue and Failure of Composite Materials: A Physical Modeling Approach</p> 	<p><b>Dr. Guruprasad Rivo, Director &amp; Mentor (Leadership Trainee) Imaginarium India Pvt. Ltd.</b> 3D printing of Functionally Graded Materials- an Overview</p> 
Session 2	10:40 am to 11:50 am	<p><b>Dr. Vinendra Kumar Gupta, Head R&amp;D &amp; Senior VP, Reliance Research, Mumbai</b> Advanced Polymers &amp; Composites for high performance Applications</p> 	<p><b>Dr. Shantanu C. Prabhune, AGM, LAT Mumbai</b> Processing Composites at LAT Defence : An Industry Perspective:</p> 	<p><b>Dr. Divya Padmanabhan Professor, PCE Panel</b> Materials Development for Implants and Prosthesis</p> 	<p><b>Dr. Ramji Manoharan</b> Department of Mechanical &amp; Aerospace Engineering Adhesively Bonded Joints in Composite Structure</p> 	<p><b>Prof. Jaya B. Nagamani</b> Department of Metallurgical Engineering and Materials Science, IIT Bombay Fracture Toughness Testing &amp; Integrity Assessment of Composites Across Multiple Length Scales</p> 	<p><b>Dr. Ravi Babu, CECRI, Tamilnadu</b> 3D printing of Polymers &amp; Polymer Composites</p> 
Session 3	11:50 am to 01:00 pm	<p><b>Dr. Rajkumar Kasilingam, Director, IRMRA Mumbai</b> Advances in Polymer Technology, Nanotechnology</p> 	<p><b>Shri. Kachinath Deodhar, Group Director, ARDE, DRDO</b> R&amp;D Innovation on Hybrid Carbon-Glass Epoxy Gun Barrel for strouhaler fired launcher</p> 	<p><b>Mr. Satyanarayana Jodabage</b> Founder, Jodabage Associates Plastic Moulding Processes and Industrial Applications</p> 	<p><b>Dr. Marmohan Das Ooel, Professor, VIT Nagpur</b> Processing and Properties of Metal Foams</p> 	<p><b>Dr. S. K. Panigrahi, Professor, DIAT, Pune</b> Fracture Mechanics &amp; Computational Methods for Damage Assessment in Composite for Defense Applications</p> 	<p><b>Dr. Proven Verma, Scientist-F, DMSRDE, Kanpur</b> Failure Analysis of Polymer Matrix Composites</p> 
Session 4	1:00 pm to 2:10 pm	<p><b>Dr. Dattaji K. Shinde, Professor VJTI, Matunga, Mumbai</b> FEM of Nano engineered Composites &amp; its Molecular Dynamics</p> 	<p><b>Prof. Chandra Sekher Verma, Department of Aerospace Engineering, IIT Bombay</b> Challenges in Design &amp; Manufacturing of Composites</p> 	<p><b>Mr. Rinzath B., DIAB, Sweden</b> Fabrication of Sandwich Composites and it's Applications</p> 	<p><b>Dr. Shyam Sunder M., Former Principal Scientist, GE Research Former Senior Scientist, IGCAR, Kalpakham</b> Chairman, National Certification Board, ISMT NDE of Composites - Trends and Advances</p> 	<p><b>Dr. C. M. Manjunatha, Chief Scientist, IAL, Bangalore</b> Fatigue and Fracture of Composites</p> 	<p><b>Dr. R. C. Prasad, Professor, PHCET, Raayachi</b> Fracture toughness and failure analysis of composites</p> 
Session 4	2:10 pm to 3:00 pm	Concluding Remarks by Session Chairman and Feedback	Concluding Remarks by Session Chairman and Feedback	Concluding Remarks by Session Chairman and Feedback	Concluding Remarks by Session Chairman and Feedback	QUIZ TEST	VALEDICTORY FUNCTION





Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Mechanical Engineering

## Composites: Fracture Toughness, NDE and Failure Analysis

**Date -17<sup>th</sup> November to 22<sup>nd</sup> November, 2020**

**Time-09:30 to 08:00 PM**

**Platform -Online** (Zoom license)

**Department- Mechanical Engineering**

**No. of students participated- 55**

**Event head & coordinator- Dr. R.C. Prasad**

**Co-coordinator - Dr. G.V. Patil and Mr. Sunilsing Rajput**

The Department of Mechanical Engineering, Pillai HOC College of Engineering & Technology was granted approval to conduct Short Term Training Program ( STTP ) under AQIS 2019-20 during the financial year 2020-21 vide Ref.No.:34-66/442/FDC/STTP/Policy-1/2019-20 dated 10 August 2020 on “ Composites: Fracture Toughness, NDE & Failure Analysis “

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The original STTP was residential program of 6 days duration with minimum 40 participants.

However, due to pandemic of COVID-19 the Institute was allowed to conduct STTPs through online mode with the stipulated conditions.

The first STTP was conducted during November 17-22, 2020. The highlight of the STTP has been the participation of leading professional societies in the country like Society for Automotive Engineering, Western Region, Institution of Engineers, Maharashtra Region, ASM International India Chapter, Society for Failure Analysis, Mumbai Chapter, Indian Society for Remote Sensing, Mumbai Chapter, Materials Recycling Association of India and the Indian Rubber Manufacturers Research Association, Mumbai. Their involvement immensely benefited participants and allowed them to interact with industries related to the subject matter of the STTPs. STTP covered processing of Polymers, Polymer Blends & Composites, and their mechanical and Non-destructive characterization to ensure quality assured industrial products. This was followed by case studies of failures in different industrial sectors and ways and means to prevent such failures. The STTP also covered advanced manufacturing processes like additive manufacturing and 3D printing. The lectures were delivered by the

industry experts, faculty from NITs and IITs as well as leading foreign universities. The applications of Polymers, composites and NDE for medical applications were also covered by eminent speakers. The details are given in the Proceedings and the program schedule. The entire program was monitored by duly constituted Program Monitoring Committee as per directives of the AICTE. The committee members held several meetings through the Zoom link and brought the program to a successful conclusion.





ACTE APPROVED STTP ON "COMPOSITES: FRACTURE TOUGHNESS, NDE & FAILURE ANALYSIS

STTP - 1 : SCHEDULE

Session	Time	Day 1 - 28th Nov 2020	Day 2 - 29th Nov 2020	Day 3 - 01st Dec 2020	Day 4 - 02nd Dec 2020
Session 1	9:30 am to 11:00 am	<p>Dr. R. C. Prasad, Professor, PHCET, Bhopal Advancement of the STTP: Fracture Toughness, NDE &amp; Failure Analysis</p> 	<p>Dr. R. C. Prasad, Professor, PHCET, Bhopal Fracture Toughness and Failure Analysis of Composites</p> 	<p>Dr. Raju Prakash, Professor, IT Madras Thermoplastic and Composites</p> 	<p>Prof. Chandra Babu Venkatesh, Department of Mechanical Engineering, Chaitanya Institute of Design &amp; Manufacturing of Composites</p> 
Session 2	11:00 am to 12:30 pm	<p>Dr. Anirudh Roy, Founder, CEO, Anirudh Innovations Private Limited Bonded Joints in the Composites: Research, Design &amp; Manufacturing</p> 	<p>Dr. C. K. Murthy, Chief Scientist, IIT Madras Advanced Design of Composites</p> 	<p>Dr. Jay Babu, CSE, Tatyasaheb Kore Institute of Technology 3D printing of Polymer Matrix Composites</p> 	<p>Dr. Raju Babu, CSE, Tatyasaheb Kore Institute of Technology 3D printing of Polymer Matrix Composites</p> 
Session 3	1:30 pm to 3:00 pm	<p>Dr. Suresh Kumar, Director, IIT Madras Advanced Polymer Matrix Composites</p> 	<p>Dr. Suresh Kumar, Director, IIT Madras Advanced Polymer Matrix Composites</p> 	<p>Dr. Jitendra Kumar, Director, IIT Madras Advanced Polymer Matrix Composites</p> 	<p>Dr. Jitendra Kumar, Director, IIT Madras Advanced Polymer Matrix Composites</p> 
Session 4	3:30 pm to 4:30 pm	<p>Dr. Raju K. C. Prasad, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. Raju K. C. Prasad, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 
Session 5	4:30 pm to 5:30 pm	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 	<p>Dr. S. K. Prasad, Professor, IIT Madras Process of Composite JLT: Design - A Industry Perspective</p> 

LUNCH BREAK



# Advances in Polymer & Nano -Techno



Prepared for:

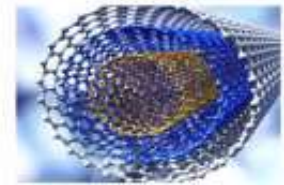
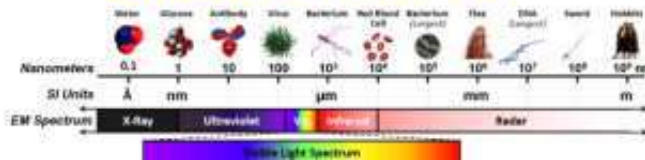
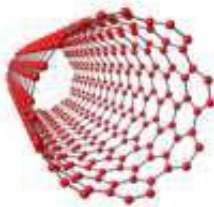
AQIP -STTP – AICTE  
Sponsored program

Presented by

**Dr. K. Rajkumar**  
Director,  
Indian Rubber Mfrs Research  
Assn. (IRMRA)  
DPIIT, Min of Com & Ind.,  
Govt. of India



[director@irmra.org](mailto:director@irmra.org)



Introduction to  
**Infantry Weapon Systems**

by KD Deodhar  
Scientist  
Group Director ARDE

Kadrudd Deodhar (D)



Mahatma Education Society

Pillai HOC College of Engineering and Technology  
Department of Mechanical Engineering

**One Day Workshop on "Recycling Metals, Plastics & Scrap Tyres : Circular Economy  
Road map to Build a Green India"**

Materials , Manufacturing, Modeling & Failure Analysis (MMMMF) & Mechanical Engineering Department had successfully conducted one day workshop on "**Recycling Metals, Plastics & Scrap Tyres : Circular Economy Road map to Build a Green India**" for students, faculty of PHCET & externals participants.

<b>Date</b>	June 21, 2021
<b>Platform</b>	Zoom
<b>Resource Person</b>	Various invited speakers
<b>Coordinator</b>	Dr. R.C. Prasad
<b>Department</b>	Mechanical Engineering

One day workshop organized by Dept. of Mechanical Engineering on the waste management theme. The Session started with welcome of speaker by Dr. R.C. Prasad, & then commenced the session by speakers by explaining the concept of recycling & need of recycling More than 200 participants attended the workshop. Various invited speakers gave talks related to waste management subject. The invited speakers were:

1. Dr. Sameer Joshi, Chairman, Plastic committee, MRAI. "Plastic and its Paradox. How do we go from here?"
2. Ms. Shaini Goyal Bhalla, Chairman ICCE, Committee member of Nitiayog & the author of first book on circular economy emerging movement "Circular Economy"
3. Dr. Virendrakumar Gupta, Head R&D Polymer & Sr.VP RIL Mumbai "Indigenous Plastic Technology with emphasis on Circularity : Success Story of Polyolefin Materials"
4. Dr. Rajkumar Kasilingam, Director, IRMRA, Mumbai. "Recycling and applications of scrap tyres for Circular Economy"
5. Mr. Ulhas Parlikar, Global Consultant, Waste Management, AFR & Co- processing. "Industrial Symbiosis for Circular Economy"
6. Dr. Subrata Hait, Professor, Indian Institute of Technology Patna. "Engineering Endeavors for Metallurgical Recovery of Metals from E- waste for Circular Economy: Prospects and Challenge"

7. Mr. Sharang Ambadkar Managing Director at Feel Good Eco Nurture LLP. "Plastic is the New Round"

8. Capt. Satyendra Vaidya, Retd. Capt. Indian Navy, "Challenges and Opportunities in Solid Waste Management"

Few students presented posters regarding waste management. The session ended with Question Answer and vote of thanks by Dr. G.V Patil, Head of Mechanical Engineering. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedbacks were received from participants.



Zoom Meeting    You are viewing Vinay Kumar Gupta's screen    View Options

## Polypropylene : Catalysts & Product Technology

**Polypropylene**

\*CC(C)C\*

Feedstock → Monomer → Polymer → Compounded product → Application

**Patented**  
**Commercialized**  
**Trademarked**

**RIL-TECHNOLOGIES**

- 1. RIL-1 (RIL-1000) Technology License to Mitsui Chemicals
- 2. RIL-2 (RIL-2000) Acyclic Olefinic Process License to BASF
- 3. RIL-3 (RIL-3000) Acyclic Olefinic Process License to BASF
- 4. RIL-4 (RIL-4000) Acyclic Olefinic Process License to BASF
- 5. RIL-5 (RIL-5000) Acyclic Olefinic Process License to BASF

**CONCEPTS**

**Innovation Drivers**

1. RIL-1000™  
2. RIL-2000™  
3. RIL-3000™  
4. RIL-4000™  
5. RIL-5000™

Trademarks: 1. RIL-1™, 2. RIL-2™, 3. RIL-3™, 4. RIL-4™, 5. RIL-5™

Virendra Kumar Gupta

11:06 AM 6/21/2021

Zoom Meeting    You are viewing Dr. Subrata Halder's screen    View Options

## E-waste recycling: Metal extraction techniques

Pyrometallurgy

Hydrometallurgy (Chemical leaching)

Biometallurgy (Bioleaching)

Pritya, A. & Halder, S. (2020). Environmental Science & Pollution Research, 14(18)919-9200.

16

Subrata Halder

12:16 PM 6/21/2021

Mahatma Education Society

Pillai HOC College of Engineering and Technology  
Department of Applied Sciences and Humanities

### **Webinar on Interpersonal Skills**

Department of Applied Sciences and Humanities organized a webinar on 'Interpersonal Skills' July 18, 2020  
Through Online Mode Google Meet

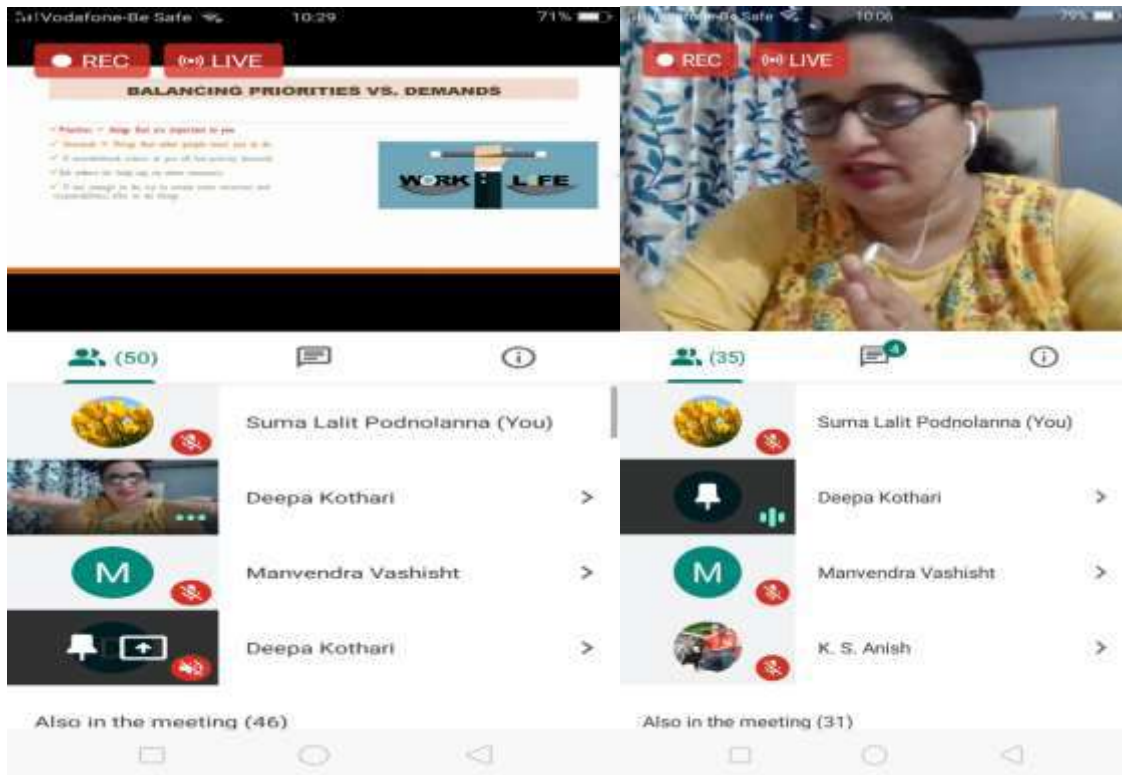
**Dr. Manvendra Vashishtha**, Head, Applied Sciences and Humanities Department,

**Ms. Suma Lalit**, Event Coordinator



Department of Applied Sciences and Humanities organized a webinar on “Interpersonal Skills” July 18, 2020 at 10.30 am through virtual Google Meet platform. Prof. Deepa Kothari, Department of Psychology, St Agnes center of PG studies and research, Mangalore. Was the resource person. The event witness 95 participants on Google Meet and more than 100 participants on livestreaming from different departments of PHCET.

The participants gained a deep insight on various aspects of interpersonal skills such as Time management, leadership, negotiation, corporate ethics and culture, Decision making and, teamwork. Students acquired a true sense of application of these various aspect of Interpersonal skills through real life scenario that was distinctly explained by the speaker. Prof. Deepa Kothari also introduced high industry case studies to the participants on soft skills that made the session truly informative and interactive. It undoubtedly helped students to enhance their interpersonal skills to corporate work culture.



Mahatma Education Society

Pillai HOC College of Engineering and Technology  
Department of Applied Sciences and Humanities

## Webinar On Energy Efficient and Green Energy Technologies

Department of Applied Sciences and Humanities and Department of Mechanical Engineering jointly organized a webinar on “Energy Efficient and Green Energy Technologies” on July 27, 2020 through virtual Google Meet platform.

MAHATMA EDUCATION SOCIETY'S  
**PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY**  
ACCREDITED WITH 'A' GRADE BY NAAC IN FIRST CYCLE 2019  
AND RE-ACCREDITED BY NBA FOR MECHANICAL AND COMPUTER ENGINEERING 2020

In commemoration of the Golden Jubilee Year of Mahatma Education Society  
Department of Applied Science & Humanities  
&  
Department of Mechanical Engineering

**PHCET**  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY

**50**

Presents a webinar on  
**ENERGY EFFICIENT AND GREEN  
ENERGY TECHNOLOGIES**

AT 27TH JULY, 2020  
FROM 5:00 PM - 7:00 PM

Event Coordinators:  
• Dr. M.D.Nadar  
Email: mdnadar@mes.ac.in  
• Mr K.S.Anish  
Email: ksanish@mes.ac.in



Prof. P. Muthukumar  
Department of Mechanical Engineering,  
Indian Institute of Technology Guwahati, Guwahati.

Dr. Manavendra Vashishtha  
HOD, Applied Science & Humanities

Dr. Gajendra V Patil  
HOD, Mechanical Engineering

Dr. Madhumita Chatterjee  
Principal

Click the icon for  
Google meet

**Key Speaker: Prof. MuthuKumar, Department of Mechanical Engineering, Indian Institute of Technology, Guwahati.**

**Event Convener:**

**Dr. Manvendra Vashishtha, Head, Applied Sciences and Humanities Department,**

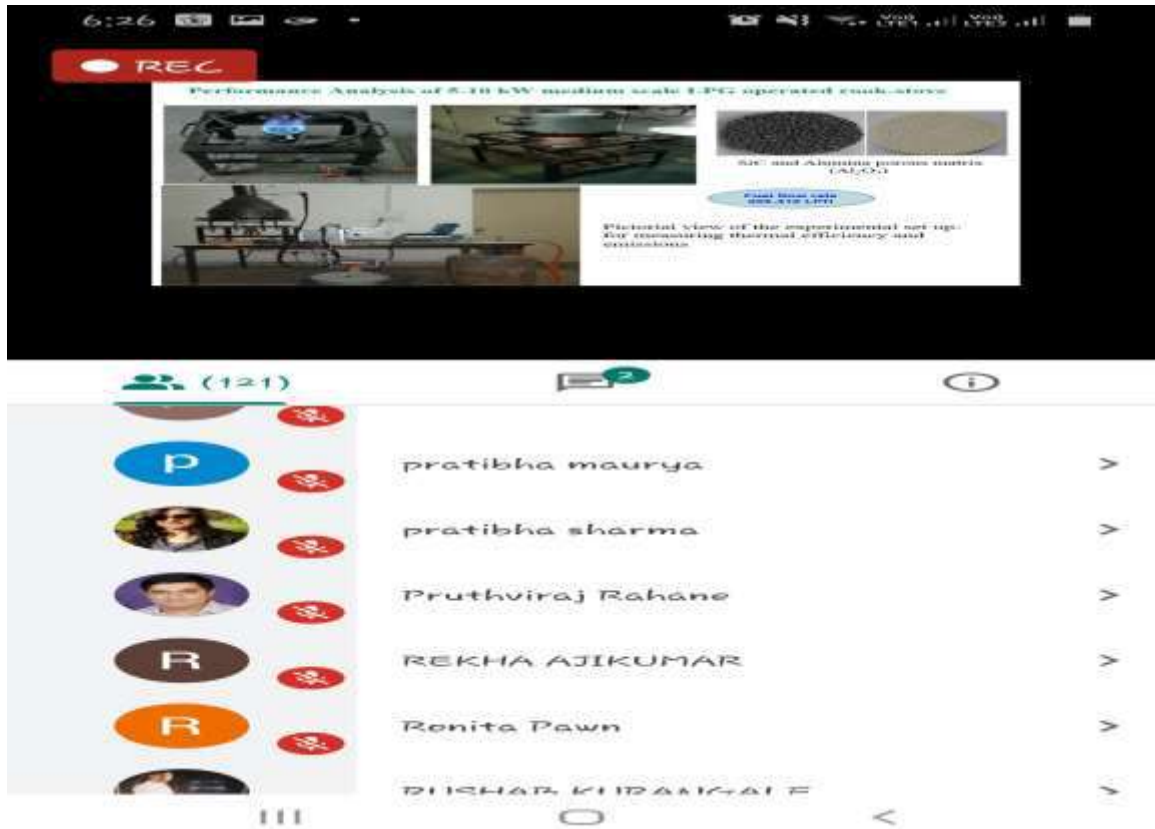


**Dr. Gajendra V.Patil** ,Head Mechanical Engineering Department.

**Event Coordinators:**

Dr. M.D.Nadar , Mechanical Department

Mr. K.S. Anish, Mechanical Department.



The webinar commenced with a welcome note to the expert speaker. The webinar was attended by 98 participants. The resource person Prof. Muthukumar illuminated the concept of renewable energy and its rapidly increasing global demand in various countries. Similarly, he also expressed his thoughts on energy efficiency that has increased worldwide. The expert enlightened the participants with the role of green energy and its key aspect of harmless environment through factors such as releasing greenhouse gases into the atmosphere. The speaker further highlighted six different forms of green energy such as Solar power, Wind power, Hydropower, Geothermal energy, Biomass and Biofuel that lead to stable energy prices are not as affected by geopolitical crisis or price spikes. The participants imbibed a deep knowledge on energy conservation through various examples explained by the speaker. This event was highly interactive and interesting that leaped towards economic benefits and sustainable development.

Mahatma Education Society

Pillai HOC College of Engineering and Technology  
Department of Applied Sciences and Humanities

### **Report on the webinar: ‘Research : How and Why?’**

Research is an integral part of academics which plays a vital role in the growth of any Institutions. The webinar was aimed to give an interesting perspective of research methodology which focuses on right research aptitude and better understanding of research tools usage. To address the various aspects of research, the department of Applied Sciences & Humanities has conducted a webinar on ‘**Research: How and Why?**’ on 7<sup>th</sup> November, 2020. The webinar was conducted in two sessions on the themes namely Research awareness and Research in Mathematics – challenges and opportunities. The details are as follows:

#### **Session 1: Research Awareness**

**Date:** November 7, 2020

**Resource person:** Dr. S. Mohan Mahalakshmi Naidu

**Time:** 2.00 pm – 3.00 pm

**About the speaker:** Prof. S. Mohan Mahalakshmi Naidu completed his PhD in Biomedical signal processing, Electronic Systems from IIT Bombay, and has more than 18 years’ experience as a teacher, a researcher, the Head of Department and IQAC Head. His research areas are Medical Signal Processing and Algorithms has 49 citations an H-index of 5 for his work. He is associated with a number of professional bodies and has also conducted many technical workshops & trainings especially for students to help them develop interest in research and using cutting edge tools like MATLAB, LabView, Image processing.

**Description:** During the webinar, he discussed various aspects of research, preferably for a beginner who wants to take up a research carrier. He motivated participants for improving the critical thinking about research problems. Dr. Naidu has discussed in detail about selection of scientific journals and publishing ethics. He has also shared his research work with participants to give an insight idea about the same.

#### **Session 2: Research in Mathematics – challenges and opportunities.**

**Date:** November 7, 2020

**Resource person:** Dr. Narendrakumar Dasre

**Time:** 3.10 pm – 4.10 pm

**About the speaker:** Dr. Narendrakumar Dasre holds a Doctorate Degree in the field of Applied Mathematics, from the KBC North Maharashtra University, Jalgaon, and is actively involved in extensive research in pure and applied mathematics in Engineering. He is an expert in mathematical softwares like SCILAB, MATLAB, MATHEMATICA, and MAPLE, etc. He has authored and reviewed 10 national and international books. He has been working in the area of

approximation of Large numbers and also introduced a 'Magic Transform' also named as 'Dasre - Gujarathi Transform'.

**Description:** During the webinar, he explored the various aspects of Research in Mathematics preferably for the beginners. He motivated participants to take up the research problems in tune with technical applications. Dr. Dasre has clarified all the doubts of participants from the basic concept of Research, its challenges and opportunities. He also discussed about the selection of scientific Journals in Mathematics like Scopus, SCI Indexed and publishing ethics.



**About the Program / webinar:**

For the webinar, registration link using Google meet and password was created. The link was circulated among faculty members of Applied Sciences & Humanities and to other Departments of PHCET. There was a huge response from participants & most of them were from outside the Maharashtra like research scholars from IIT Patna, Central University of Jammu, Madras University and many more. There were 435 registrations confirmed and during session, due to overwhelming response from participants, along with Google meet virtual platform, YouTube live stream of the session was also arranged. First session was focused on fundamentals of research components and second session was entirely interactive, where many participants were actively involved in clarifying their doubts.

At the beginning, Principal Dr. Mathew T. Joseph addressed participants and motivated them to take up challenges in the field of research. Dr. Avinash Gatade, has given brief information about the facilities and various activities conducted in the Department of Applied Sciences and Humanities. Prof. Suma Lalit has hosted both the sessions along with student volunteers. At the end, coordinator of the webinar Dr. Avinash J. Kamble has proposed vote of Thanks. Feedback about the session was collected from all the participants to improve the sessions that will be conducted in the mere future.

DEVYANG PARATE\_SE\_8\_19 is presenting

WELCOME






**Dr. Mathew T. Joseph**  
Principal, PHCET

Participants: Tanya Lall Poddala..., S M Mahalakshmi..., Mathew..., R..., 17-KING RUTUJA, D..., D. Anush Kambale, Maheshkumar Kadam, S..., U..., A..., Anush Gatabe

DEVYANG PARATE\_SE\_8\_19 is presenting

WELCOME

**Dr. Narendrakumar Dasre**  
Associate Professor in Applied Pharmaceutics

Participants: PIRANAL JANAKI and 38 more, J..., D..., Anush Gatabe, R..., 17-KING RUTUJA, Tanya Lall Poddala..., S..., S M Mahalakshmi..., Shalini Bhat, Maheshkumar Kadam, HARSHAD B

A Webinar on 'Research: How and Why...'

Turn on captions DEVYANG PARATE\_SE\_8\_19 is presenting





## MAHATMA EDUCATION SOCIETY'S



### PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI

Accredited with 'A' grade by NAAC in first cycle 2019, re-accredited by NBA for Mechanical and Computer Engineering 2020



As a part of Golden Jubilee lecture series of Mahatma Education Society

Department of Applied Sciences and Humanities  
is organizing a webinar on

## RESEARCH : HOW AND WHY?

### RESOURCE PERSONS:

- Dr. S. Mohan Mahalakshmi Naidu (PhD IITB)  
(Professor & IQAC-Director,  
Department of Electronics & Telecommunication,  
International Institute of Information Technology, Pune).
- Dr. Narendrakumar Dasre  
(Associate Professor in Applied Mathematics,  
Ramrao Adik Institute of Technology, Nerul, Navi  
Mumbai).

### ABOUT WEBINAR:

Research is an integral part of academics and industry. It plays a vital role in the growth of institutions. The webinar is aimed to give an interesting perspective of research methodology which focuses on right research aptitude, better understanding of research tools usage, Do's and Don'ts and publishing ethics.

The webinar will be conducted in two sessions. The first session will address the general aspects of academic research, preferably for the beginners and the second session will be focused on research in Mathematics, its challenges and opportunities.



Registration link:  
<https://forms.gle/nUR7z9cGQ9rwcqJ28>

What's app group:  
<https://chat.whatsapp.com/EedHde7UDXoAcdT8CvAil>



Certificates : E-certificate will be awarded to all the participants.

Dr. Manvendra Vashietha,  
HOD, Applied Sciences and  
Humanities, PHCET

Dr. Mathew T. Joseph,  
Principal, PHCET

### SESSION DETAILS

07th November, 2020

Session 1 : Research Awareness  
Dr. S. Mohan Mahalakshmi  
Naidu

Time : 2.00 pm -3.00 pm

Session 2 : Research in  
Mathematics - challenges and  
opportunities

Dr. Narendrakumar Dasre

Time : 3.10 pm - 4.10 pm

- Interactive sessions
- Participation certificate
- No registration fees

### REGISTRATION

Last date for registration  
08th November, 2020 before  
5.00 pm

For further details contact :  
Coordinator : Dr. Avinash J. Kamble  
Mobile No. 8108536986  
Email ID : avinashkamble@mes.ac.in

### ORGANIZING COMMITTEE MEMBERS

- Prof. Sathish U.
- Prof. Vijaya Shelke
- Prof. Harshada Pratham
- Prof. Shital Rithe

- Registration link :**  
<https://forms.gle/nUR7z9cGQ9rwcqJ28>
- Feedback form link :**  
<https://forms.gle/4vhjsKKmyxyiSjpB8>



	<b>Mahatma Education Society's</b> <b>PILLAI HOC COLLEGE OF ENGINEERING &amp; TECHNOLOGY</b> Pillai HOC, Educational Campus, HOC Colony, Rasayani, Dist. Palani, Pin-610607 Tel: 02192-250985 / 250986 Fax: 02192-252657 Website: www.phcet.ac.in Email: principal.phcet@mes.ac.in Accredited 'A' Grade by National Assessment and Accreditation Council (NAAC) National Board of Accreditation for Mechanical and Computer Eng.	Int. Coll: EN-3123 / ME 3221
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November 9, 2020

To,  
 Dr. S. Mohan Mahalakshmi Naidu  
 Professor and IQAC-Head,  
 Department of Electronics & Telecommunications,  
 International Institute of Information Technology,  
 Hinjewadi IT park, Pune - 411057

Dear Dr. S. Mohan Mahalakshmi Naidu,

This is to place on record our appreciation with thanks for readily accepting our invitation and delivering an expert talk in the webinar 'Research: How and Why?' organised by the Department of Applied Sciences and Humanities of Pillai HOC College of Engineering and Technology, Rasayani, Palani on 7<sup>th</sup> November 2020. Your expert talk was well received by participants and they have highly benefited with your experienced and knowledge based inputs. The valuable exposure about the research methodology and fundamental concepts presented by you will definitely help our participants to achieve their professional goals. We look forward to your support in the future also.

Thank You.

Yours Sincerely,

  
**Dr. Avinash J. Kamble**  
 Webinar Coordinator



  
**Dr. Mathew T. Joseph**  
 Principal  
**PRINCIPAL**  
 Pillai HOC College of  
 Engineering & Technology  
 Pillai HOC, Educational Campus,  
 Rasayani, Tal. Khetagpur,  
 Dist. Palani - 610 607.



Mahatma Education Society's  
Pillai HOC College of Engineering & Technology, Rasayani  
(NAAC Accredited with 'A' Grade)



**CERTIFICATE  
OF APPRECIATION**


This certificate is presented to


**Dr. Narendrakumar Dasre**

from

**Ramrao Adik Institute of Technology, Nerul, Navi Mumbai**, for sharing his valuable knowledge as a resource person in the webinar on **'Research: How and Why?'** held on November 7, 2020, Organized by Department of Applied Sciences and Humanities.

  
Dr. Avinash Kamble  
Coordinator

  
Dr. Manvendra Vashistha  
HOD

  
Dr. Mathew T. Joseph  
Principal



Mahatma Education Society's

**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY**

Inst. Code: EM-3223 / ME-3223

Pillai HOC Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad, Pin-410207

Tel: 82952 - 252805 / 350866 Fax: 82192 - 252967 Website: www.phnet.ac.in Email: principal.phnet@mac.ac.in

Accredited 'A' Grade by National Assessment and Accreditation Council (NAAC)

National Board of Accreditation for Mechanical and Computer Eng.

November 9, 2020

To,  
Dr. Narendrakumar Dasre  
Associate Professor in Applied Mathematics,  
D.Y. Patil Group's Ramrao Adik Institute of Technology,  
Affiliated to D.Y. Patil deemed to be University,  
Nerul, Navi Mumbai - 400706

Dear Dr. Narendrakumar Dasre,

This is to place on record our appreciation with thanks for readily accepting our invitation and delivering an expert talk in the webinar 'Research: How and Why?' organized by the Department of Applied Sciences and Humanities of Pillai HOC College of Engineering and Technology, Rasayani, Panvel on 7<sup>th</sup> November 2020. Your expert talk was well received by participants and they have highly benefited with your experienced and knowledge based inputs. The valuable exposure about the research methodology and fundamental concepts presented by you will definitely help our participants to achieve their professional goals. We look forward to your support in the future also.

Thank You.

Yours Sincerely,

  
Dr. Avinash J. Kamble  
Webinar Coordinator



  
Dr. Mathew T. Joseph  
Principal  
PRINCIPAL  
Pillai HOC College of  
Engineering & Technology  
Pillai HOC Educational Campus  
Rasayani, Tal. Panvel,  
Dist. Raigad - 410 207.





Mahatma Education Society's

## **Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

### **Webinar on “Interview Techniques”**

<b>Date</b>	: 14 August 2021
<b>Department</b>	: Computer Engineering
<b>Resource Person</b>	: Mr.Amol Navthale,Technical Lead-Globant, Pune
<b>Coordinator</b>	: Ms. Archana Arudkar/Ms. Babita Bhagat

The webinar on “Interview Techniques” was organized on Saturday, 14<sup>th</sup> August 2021 for students of the Computer Engineering Department at 10.00am by using the Zoom platform. The motto of this webinar was to give guidelines about ‘How to prepare for Interviews ’ and for Resume building. Mr. Amol emphasized on learning new technologies and doing certifications for those technologies.This will definitely be beneficial to the students for their placements. Total 50 students and 2 faculties attended the webinar actively. Ms. Archana Arudkar, ended the session with a vote of thanks. Feedback link was sent to the participants and e-certificate were mailed to their registered mail ids.



The screenshot shows a Microsoft PowerPoint presentation. The main slide features a central graphic with the text "JOB SEARCH" and "QUALIFICATION" surrounded by icons for a magnifying glass, resume, graduation cap, and gears. Below the graphic is a list of four steps:

- 1) Resume Preparation.
- 2) Job Search : Job portal profiles, LinkedIn Profile.
- 3) Target your dream company.
- 4) Interview Preparation : Aptitude/Technical/GO preparation, Soft Skills.

On the left side of the slide, there is a navigation pane with three buttons: "Q & A" and "Back to 11". On the right side, there is a vertical bar with a purple square containing the letter "B" and two placeholder icons for video feeds.

The screenshot shows a Zoom meeting grid with several participants. The participants are arranged in a grid pattern. In the top row, from left to right, there is a video feed of a man, a purple square with the letter "B", a video feed of two men, and a placeholder icon. In the second row, there is a placeholder icon, a black square, a placeholder icon, an orange square with the letter "L", and a placeholder icon. In the third row, there is a video feed of a man, a video feed of a woman, a placeholder icon, and a black square.

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology,  
Rasayani**

Department of Computer Engineering

**Webinar on “Higher Education Opportunities in Germany and Europe”**

<b>Date</b>	March 16, 2021
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Ms. Niketa Dedhia, Founder and Principal Consultant of Exponent Consultancy Services ,USA
<b>Coordinator</b>	Mr. Rohini Bhosale and Ms. Neetu Pillai
<b>Department</b>	Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “**Higher Education Opportunities in Germany and Europe**” for students and faculty of PHCET.

In this age of informatics, current economic scenario and melting international boundaries, a successful career with debt-free education that focuses on 360 degree development of the student is of prime importance. To help students embark on a successful journey they require depth of knowledge, breadth of international horizons and height of elite goals, to carve a niche for you the pre-final and final year students, a webinar was organized on Higher education opportunities in Germany and Europe by Ms. Niketa. Ms. Dedhia, is Founder and Principal Consultant of Exponent Consultancy Services ,USA ex-Head DAAD Deutscher Akademischer Austauschdienst. Total 66 students and faculty participated in the session.

The presentation covered following areas:

- Reasons to pursue higher education Germany and Europe:
- Basic eligibility requirements for students who wants to pursue higher education in Germany
- Requirements of preparatory and qualifying exams
- Various professional fields where German universities specialize
- Medium of instruction • Foreign degree certification and validation
- Application package requirements and compilation process
- Visa Process
- Inter-cultural differences and nuances
- Key pointers for success in Germany and Europe



- Barrier free education (for students with some handicap)
  - Companies where work/job can be an option in Germany and Europe
  - How ECS can help in achieving your future goals for the student's success
- The session ended with a vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.





**MAHATMA EDUCATION SOCIETY'S  
PILLAI HOC COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
DEPARTMENT OF COMPUTER ENGINEERING  
ORGANIZES**

**WEBINAR ON HIGHER EDUCATION  
OPPORTUNITIES IN GERMANY AND EUROPE  
BY**



**MS.NIKETA DEDHIA**

\*FOUNDER AND PRINCIPAL CONSULTANT OF EXPONENT  
CONSULTANCY SERVICES (ECS)  
ON

**TUESDAY 16 MARCH,2021  
5:30 PM - 6:30 PM**

PLATFORM: GOOGLE MEET  
 REGISTRATION LINK: <https://forms.gle/rZYrLdm9UnPrm5We9>

Zoom Meeting

Recording...

Neetu Pillai, Niketa Dedhia, Dr. Ashish K... SURAJ CHAN...

## FACTS AND FIGURES

- 427 Universities in Germany
- 22000 different COURSES across all fields
- Total expenditure on research and development including institutions of higher education: **over 100 billion euros**
- A new report from OECD states, about **€27 billion** is allocated by German government for higher education.
- Continued investment in the Excellence Initiative
  - The new package also allows for continued investment in the Excellence Initiative, which is now set to continue to receive **€530 million per year during the next six years** covered by the plan.

Participants (65)

Find a participant

Neetu Pillai (Co-host, me) [M] [V] [A]

Rohini Bhosale (Host) [M] [V] [A]

Niketa Dedhia (Co-host) [M] [V] [A]

09 Saurabh Dubey [M] [V] [A]

19 KUNAL JAMBHALE [M] [V] [A]

ST\_AE\_ANIKET WADHIVARE [M] [V] [A]

A-16 HUZAIFA JALGAONKAR [M] [V] [A]

A24 JOSHI OMIKAR [M] [V] [A]

Aarya Zangarao [M] [V] [A]

ASHISH LIPARE [M] [V] [A]

Ashutosh Barwal [M] [V] [A]

B-01 Shrikant Bogaive [M] [V] [A]

KARITA BHAGAT [M] [V] [A]

BE\_A\_26,ROHAN,LOKHANDE [M] [V] [A]

Invite Mute All

Zoom Meeting

Recording...

Neetu Pillai, Niketa Dedhia, Dr. Ashish K... SURAJ CHAN...

## SELECTING A UNIVERSITY IN GERMANY

Which is the best university in Germany?  
The German answer to this question is: There is no "best university", neither in one subject and certainly not across all subjects.

What Germany offers instead is a **multidimensional ranking**, considering various criteria like:

- Student and staff judgments on quality of teaching, atmosphere at the university
- Library and other Facilities
- Student Numbers
- Average Study Duration
- Number of Graduations
- Third party Funding etc.

Participants (65)

Find a participant

Neetu Pillai (Co-host, me) [M] [V] [A]

Rohini Bhosale (Host) [M] [V] [A]

Niketa Dedhia (Co-host) [M] [V] [A]

Rohini Bhosale (Co-host) [M] [V] [A]

09 Saurabh Dubey [M] [V] [A]

19 KUNAL JAMBHALE [M] [V] [A]

ST\_AE\_ANIKET WADHIVARE [M] [V] [A]

A-16 HUZAIFA JALGAONKAR [M] [V] [A]

A24 JOSHI OMIKAR [M] [V] [A]

Aarya Zangarao [M] [V] [A]

ASHISH LIPARE [M] [V] [A]

Ashutosh Barwal [M] [V] [A]

B-01 Shrikant Bogaive [M] [V] [A]

KARITA BHAGAT [M] [V] [A]

Invite Mute All

Zoom Meeting

Recording...

Neetu Pillai, Niketa Dedhia, Dr. Ashish K... SURAJ CHAN...

## GERMAN UNIVERSITY SYSTEM

### Traditional Universities

- Total: 106
- Focus on methodical and theoretical knowledge
- Students may choose courses of interest, not all courses are prescribed
- Research-based final thesis
- Wide range of subjects to choose from
- International recognition of degrees



Participants (66)

Find a participant

Neetu Pillai (Co-host, me) [M] [V] [A]

Rohini Bhosale (Host) [M] [V] [A]

Niketa Dedhia (Co-host) [M] [V] [A]

09 Saurabh Dubey [M] [V] [A]

19 KUNAL JAMBHALE [M] [V] [A]

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A-16 HUZAIFA JALGAONKAR [M] [V] [A]

A24 JOSHI OMIKAR [M] [V] [A]

Aarya Zangarao [M] [V] [A]

ASHISH LIPARE [M] [V] [A]

Ashutosh Barwal [M] [V] [A]

B-01 Shrikant Bogaive [M] [V] [A]

KARITA BHAGAT [M] [V] [A]

BE\_A\_26,ROHAN,LOKHANDE [M] [V] [A]

Invite Mute All

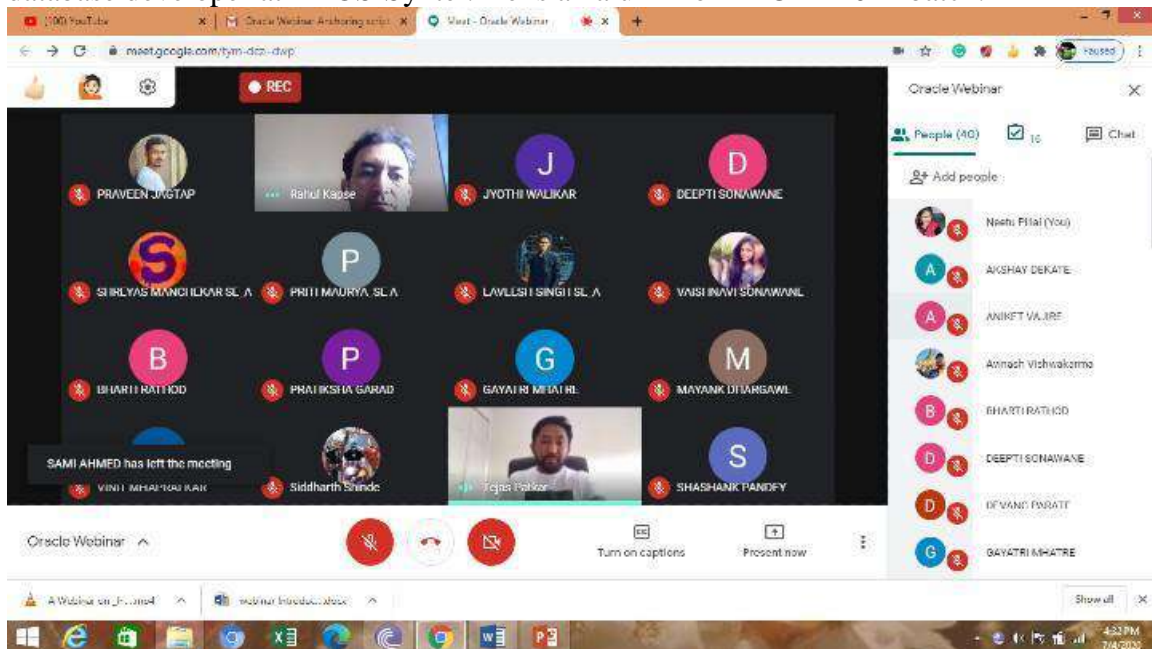
Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**

**REPORT**  
**ON**  
**Webinar on “Oracle DB Components and PL/SQL”**

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “Oracle DB Components and PL/SQL” for students and faculty of PHCET.

**Date** 4th July, 2020  
**Platform** Google Meet  
**Resource Person** Mr. Tejas Patkar, Oracle developer at ATOS-Syntel, Scotland, UK  
**Coordinator** Mr. Rahul Kapse and Ms. Neetu Pillai  
**Department** Computer Engineering

Mr. Tejas Patkar, Oracle developer at ATOS-Syntel, was invited as the resource person for the webinar. Mr. Tejas is having more than 5 years of experience and is working as a database developer at ATOS-Syntel. He is an alumni of PHCET 2014 batch.



Total 49 students and faculty have participated the session. The expert commenced the session by explaining what is SQL, SQL Limitation, what is PL/SQL its key features and major difference between SQL and PL/SQL. Later he explained different schema objects and their real time uses. He also explained different loops used in PL/SQL. He gave our students insights about current technologies used in industry and gave advice to students that they should increase their communication and adaptability to get good placements. The main objective of the webinar was to make participant aware about different Oracle database



components used and basic introduction to PL/SQL which they understood by end of the session.

The session ended with Question Answer session and vote of thanks. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.



Mahatma Education Society's

## **Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

### **REPORT ON Webinar on “Ethical Hacking”**

Date : 30th November 2020

Platform : Google Meet

Resource Person : Mr. Roshan Thakur

Coordinator : Ms. Ekta Ukey

Department : Computer Engineering

The Computer Engineering Department has an integral CSI student chapter known as CSI PHCET, which aims to enhance and develop students' core skills mostly by organizing different workshops, competitions and events.

CSI PHCET Student Chapter has organized an online webinar on “Ethical Hacking” on 30th November 2020. This workshop was conducted by Mr Roshan Thakur, Cyber Security Analyst Engineer with 2+ years of experience in Cyber IT Security field with IFF MH Cyber and Cyber Crime Helpline. He also worked with Maharashtra Cyber Police for AMBIS Government Project association with IFF as an intern.

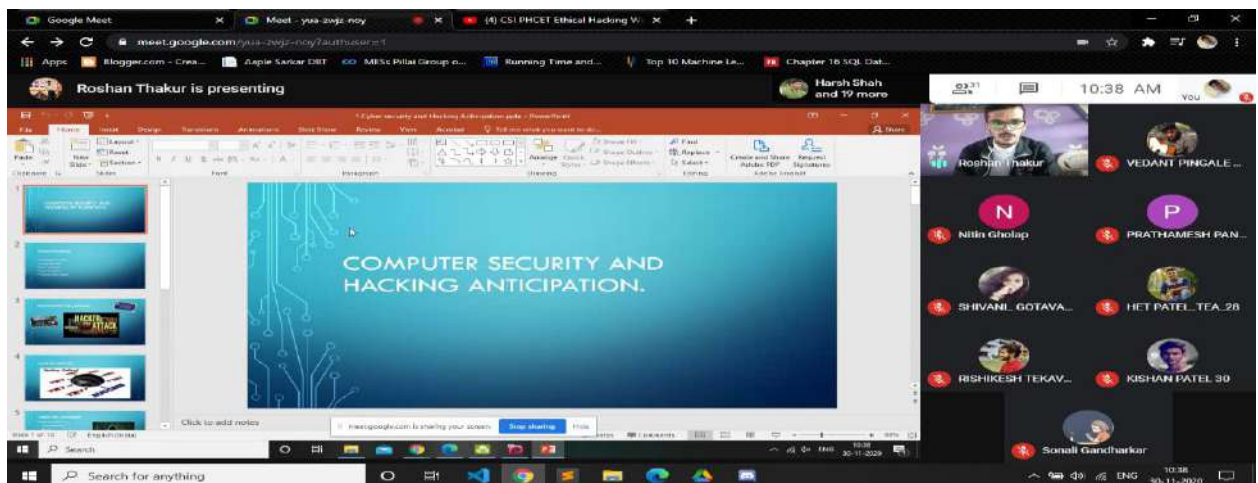
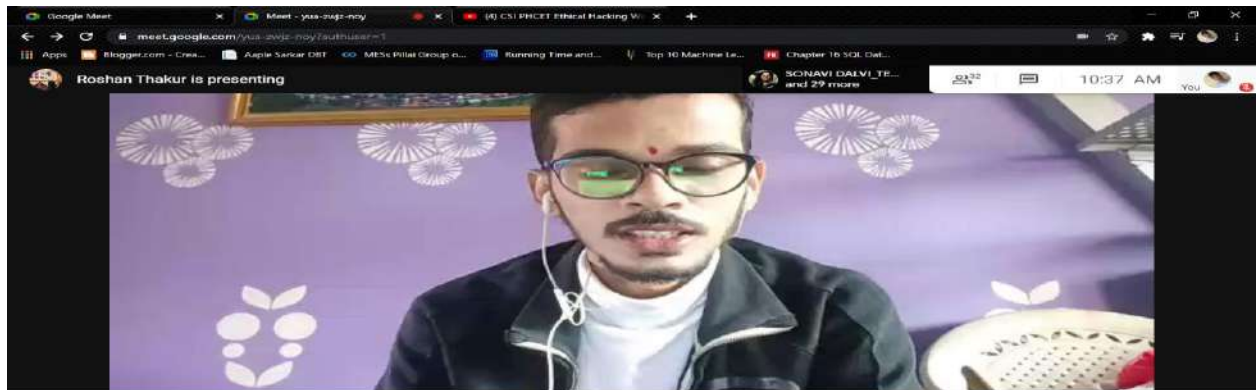
As a Chief Guest, we have invited Manish Advani, an award-winning Storyteller, Story Writer, TEDx / Global Speaker and a Business Leader with over 20 years of experience spanning across diverse functionalities like Learning and Development, Purpose based Branding, Sales and Business Development and many more. He has worked as a Head of Marketing & Communications at Schindler - Mumbai, Head of Change Management at Mahindra SSG - Mumbai, Senior Analyst at Wunderman - Toronto, Entrepreneur - Mumbai. Currently, he is working as a Brand and Story Consultant, Mumbai.

This webinar aimed to dictate different aspects of Ethical Hacking, introducing different tools and technologies required and guiding students on how to become a professional hacker.

The webinar covered some basic and Advance topic based on “Ethical Hacking” are as follow :

- Computer Security and Hacking Anticipation
- Reverse Engineering
- Software Concept
- BackDoor Attack

- Vulnerabilities in website and Website Hacking
- How to Become a Professional Hacker




Google Meet | meet.google.com/... | Roshan Thakur is presenting

# NEED OF HACKERS

Hackers have brought us:

- Modern Operating Systems.
- New Programming languages.
- Updated Computers.
- Other tech advancements.

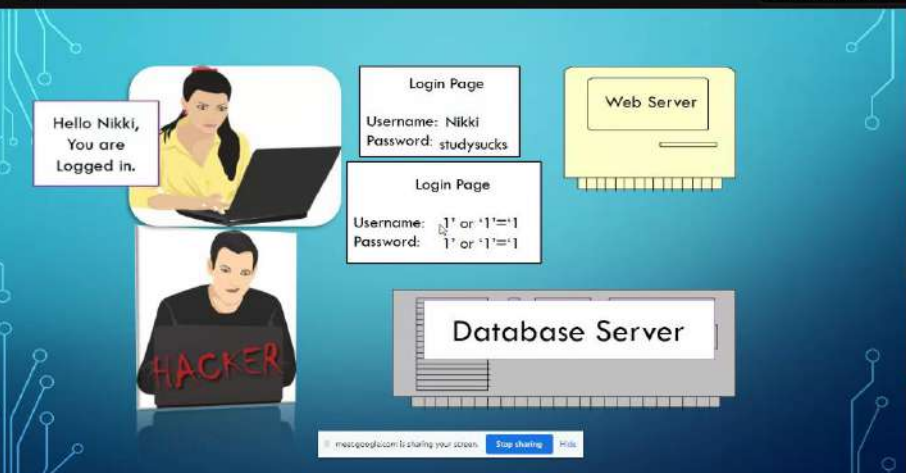


meets.google.com is sharing your screen. Stop sharing

10:47 AM

Participants: Roshan Thakur, Ekta Urooy and 17 more, Nitin Ghoshap, ADITYA TOMAR\_TE..., SHIVANI\_GOTAVA..., RADHIKA RAO\_34, VEDANT PINGALE..., RISHI IJESH TEKAV..., KISHAN PATEL\_30, SATYAM SINGH\_TE...

Roshan Thakur is presenting | CSI Phcet and 12 more



meets.google.com is sharing your screen. Stop sharing

11:41 AM

Participants: Roshan Thakur, ADITYA TOMAR\_TE..., ABHISHEK RAJPUR..., VEDANT PINGALE..., SATYAM SINGH\_TE..., ANUJA\_GURAV\_11, HET PATEL\_TEA\_28, RADHIKA RAO\_34, PARTH PITRUBHAK...

Roshan Thakur is presenting | Roshan Thakur and 12 more

Not secure | cyberforensics.in/OnlineEmailTracker/index.php

Content and the route followed by the mail, the Mail Server, Mailbox of Service Provider etc. EmailTracer traces up to Internet Service Provider and only. Further tracing can be done with the help of ISP and law enforcement agencies. The message id will be useful for analyzing the mail logs at ISP.

Paste Email Header here:

```

2007v9f7m7q2c3y7e9h8e21224nd12z7v9h8p7197y9p94wbc0qngly9y9m
08A12208eC8Qv280vV1P721LAKK/S/9KICFD083475P0R8K12PTJ1N13P
07444
ARC-Message-Signature: s=1; a=PS; d=2081; c=relaxed/relaxed; o=google.com; v=arc-20180915;
h=content-transfer-encoding; subject:date:to:from:mime-version;
message-id:1234567890;
b=1; u=80; d=80; k=2; s=2; p=1; a=1; f=1; i=1; l=1; m=1; n=1; o=1; p=1; r=1; s=1; t=1; v=1; w=1; x=1; y=1; z=1;
ARC-Authentication-Results: i=1; mx.google.com;
spf=pass (google.com domain of cyber-tungodac.in designates 224.159.188.162 as permitted sender);
dmarc=pass (policy: ignore); dkim=pass (signature verification passed);
return-path=cyber-tungodac.in;
Received: from mail.tungodac.in (mail.tungodac.in [224.159.188.162])
by mx.google.com with ESMTPS id g1651539339g1r.24.2020.11.24.08.00.34
for <saas@saas@gmail.com>
  
```

meets.google.com is sharing your screen. Stop sharing

12:08 PM

Participants: Roshan Thakur, ADITYA TOMAR\_TE..., ABHISHEK RAJPUR..., VEDANT PINGALE..., SATYAM SINGH\_TE..., ANUJA\_GURAV\_11, HET PATEL\_TEA\_28, RADHIKA RAO\_34, PARTH PITRUBHAK...



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

**Webinar on “Self Discovery”**

To make the best use of the lockdown period due to COVID 19 pandemic, Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “Self Discovery” for students and faculty of PHCET.

**Date** 30th June, 2020

**Platform** Google Meet

**Resource Person** Mr. Arvind Navagire, Founder of Arvind Learning Academy, Pune

**Coordinator** Mr. Rahul Kapse and Ms. Neetu Pillai

**Department** Computer Engineering

Mr. Arvind Navagire, Founder of Arvind Learning Academy, Pune was invited as the resource person for the webinar. Mr. Arvind is having more than 12 years of experience and have conducted more than thousand seminar, based on observation and extensive experience of working closely with professionals and young mind. He is an Orator, Performance enhancement coach, mindfulness and mind programming practitioner, educator, skill development consultant and also an entrepreneur.





Total 77 students and faculty have participated the session. The expert commenced the session by interacting with participants asking what all things they love and hate in their life. The speaker have emphasized on following points. Focus on behavior, as it is important in long run to achieve success. Be multi-talented avoid doing multitasking as brain can concentrate only on one task at a time. To get 100% success mind and body needs to be together. By giving real time example and stories the speaker have captured all participant's attention throughout the session. The main objective of the webinar was to make participant "know thyself" also make them realize what are there strengths and area of improvement which they understood by end of the session.

The session ended with vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.

Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Webinar on "E-waste Management"**

<b>Date</b>	June 17, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Ms. Dhanashree Patil, Sub Regional Officer, Maharashtra Control Board, Sion
<b>Coordinator</b>	Ms. Rohini Bhosale
<b>Department</b>	Computer Engineering

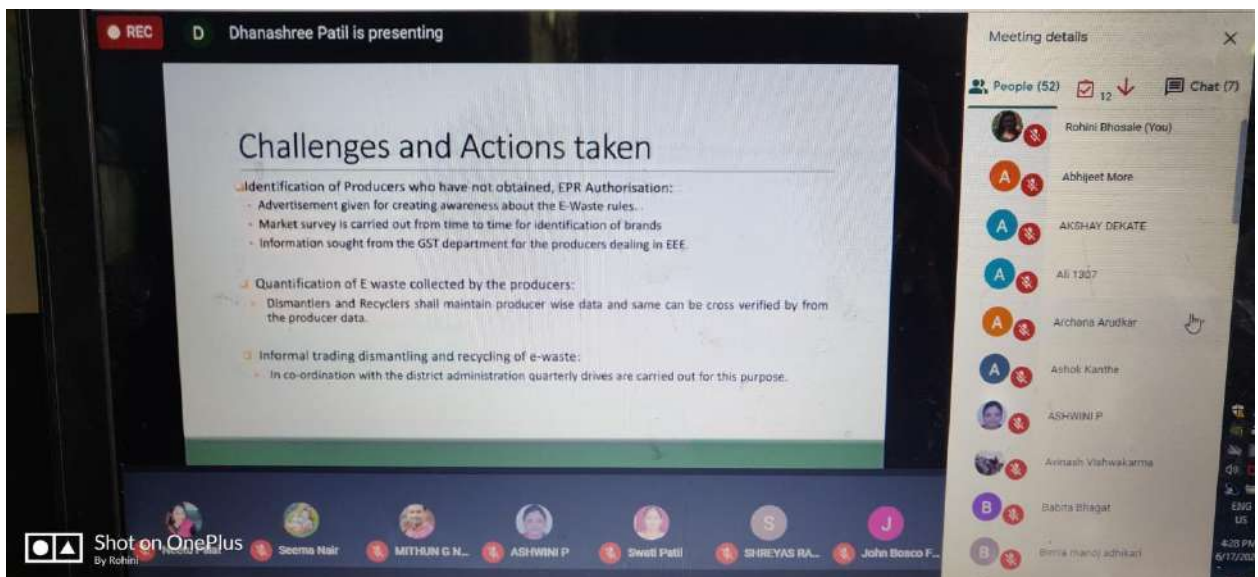
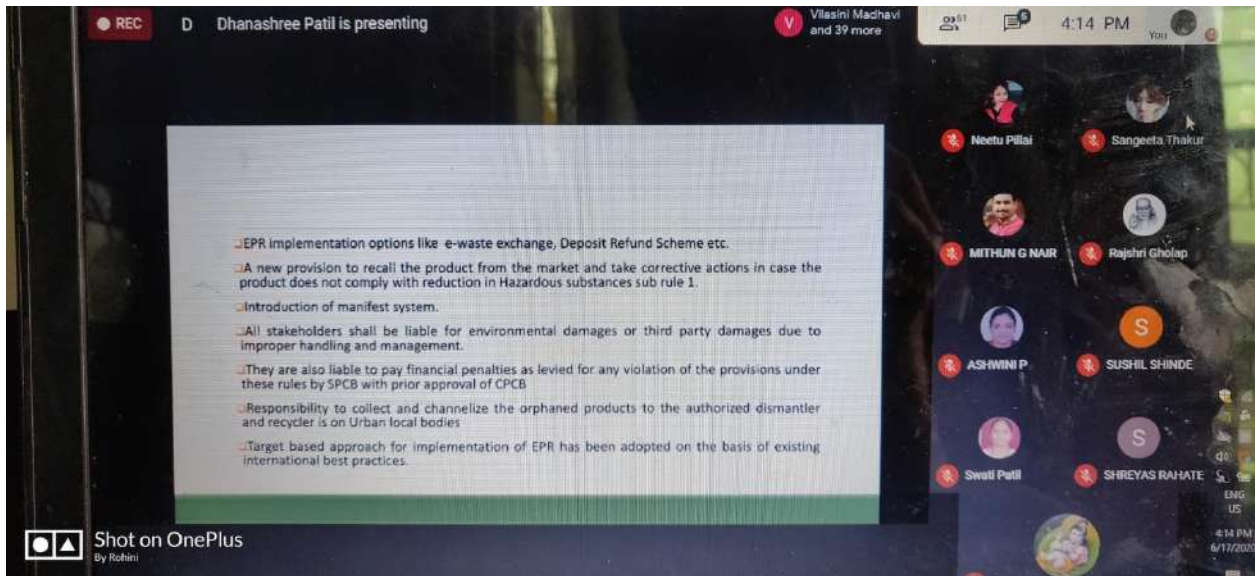
To make the best use of the lockdown period due to COVID 19 pandemic, Pillai HOC College of Engineering and Technology, Department of Computer Engineering organized webinar on "**E-waste Management**" for students and faculty of PHCET on 17 June 2020. Participants were enlightened with the knowledge of resource person on e-waste management. Ms. Dhanashree Patil Education, Sub Regional Officer, Maharashtra Control Board, Sion was invited as the resource person for the webinar. She has 4 years industry experience. Currently she is working as Sub Regional Officer in Maharashtra Pollution Control Board. She works with Electronic Waste Management division of MPC Board. Total 55 students and faculty participated in the session.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

- What is e-waste
- Sources of e-waste
- Effects of e-waste on the environment
- E-Waste Management Rules, 2016
- Roles and responsibilities of shareholders

The session ended with vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate

was mailed to their registered mail ids. Positive feedback was received from participants.



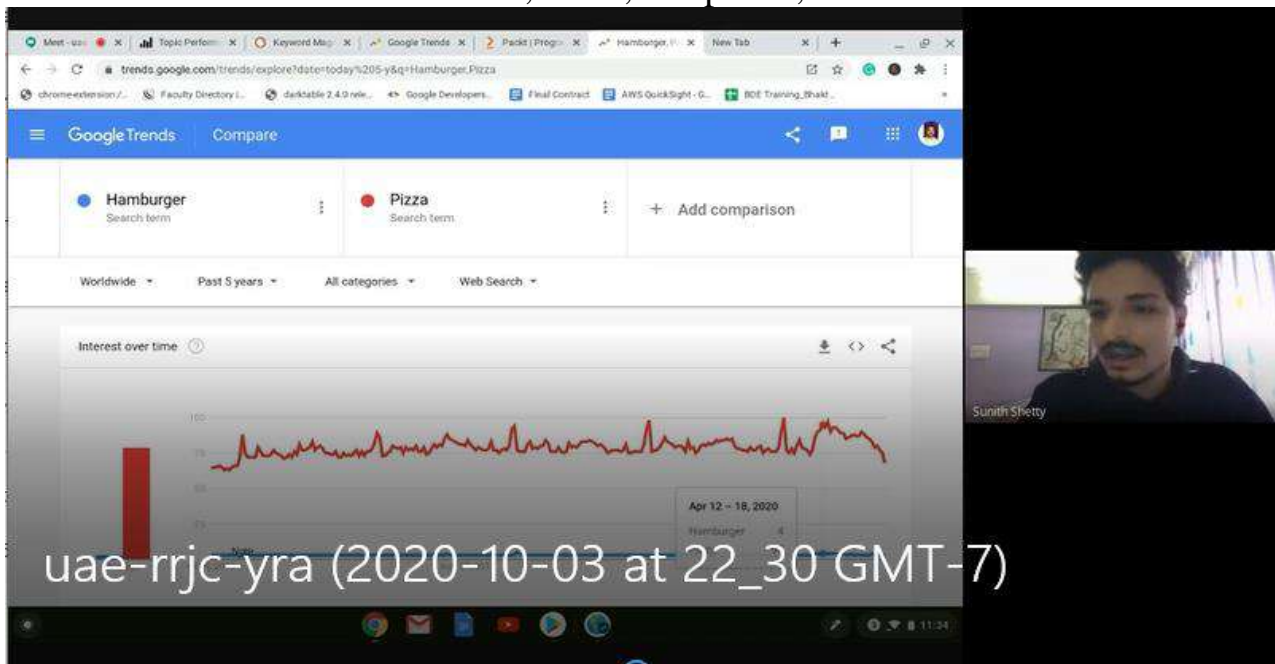
Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**  
**REPORT**  
**ON**

**Webinar on “How to become effective Product Manager”**

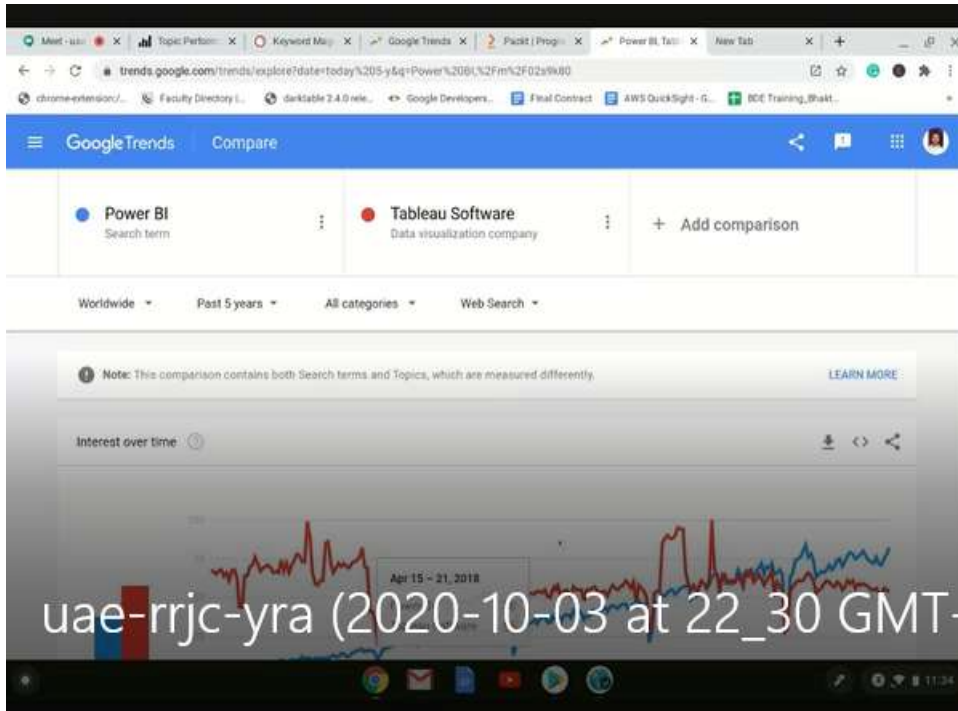
In this pandemic situation, our department has organized an online webinar on "How to become effective Product Manager" on 4th October 2020. This workshop was conducted by Mr. Jayesh Pashilkar, Application Analyst at Scripps Health, San Diego, California and Mr. Sunith Shetty, Product Manager, Packt Publishing, Mumbai. The webinar aimed at guiding the participants for enriching their knowledge in becoming effective Product Manager.

The students got detail information on

- Climbing up the ladder - what is important to become/reach product manager (internal organization perspective)
- Who are product managers?
- Competencies required to become an ideal product manager
- Key responsibilities - day to day activities
- 4 Golden rules to follow - Flexible, Swift, Adaptable, Transformational







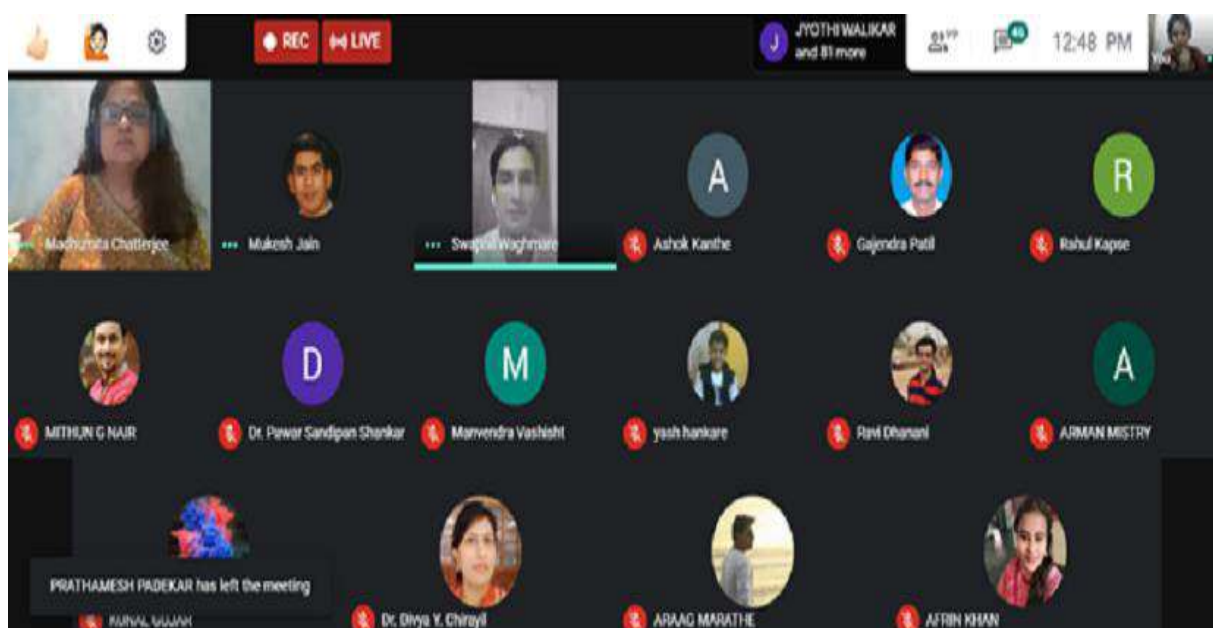
Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology,  
Rasayani**

Department of Computer Engineering

**REPORT  
ON  
Webinar on “Insights Into AI & Analytics Careers Post Covid-19”**

<b>Date &amp; Time</b>	4th July, 2020
<b>Platform</b>	Zoom Meeting
<b>Resource Person</b>	Mr. Mukesh Jain, Chief Technology and Innovation Officer (CTIO), VP and Head of Insights & Data Technology at Capgemini, India
<b>Coordinator</b>	Mr. Swapnil Waghmare
<b>Department</b>	Computer Engineering

The department of Computer Engineering has organized a Webinar on “Insights Into AI & Analytics Careers Post Covid-19” on Saturday 4th July 2020. The webinar was conducted by Mr. Mukesh Jain, Chief Technology and Innovation Officer (CTIO), VP and Head of Insights & Data Technology at Capgemini, India. There were a total 150 participants for this webinar. During his webinar he explained the Importance of AI & Data Analytics, Industry expectations, Career Opportunities in Analytics. He shared his experience working with Bill Gates and how he developed an AI algorithm which really motivated all the participants.





**PHCET**  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY

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**Mahatma Education Society's  
Pillai HOC College of  
Engineering & Technology Rasayani  
Accredited with an "A" grade by  
NAAC in the First Cycle 2019**

**A Webinar on Insights into  
AI & Analytics Careers Post Covid - 19**



**Mr. Mukesh Jain  
CTO, Capgemini**

**Date : Saturday 4<sup>th</sup> July 2020**

**Time : 11.00 AM**

**Organized by  
Department of Computer Engineering**

**Convener  
Dr. Ashok Kanthe  
(Head, Dept. of Computer Engineering)  
PHCET, Rasayani**

**Faculty Coordinator  
Prof. Swapnil Waghmare  
Training & Placement Cell  
PHCET, Rasayani**

**Registration Link**

<https://forms.gle/F9DktjK8GansxW1D9>

Join the  
Session on :



**Mahatma Education Society's**  
**Pillai HOC College of Engineering and Technology, Rasayani**  
**Department of Electronics & Telecommunication Engineering**  
**One Week Free Webinar Series on "Recent Trends in EXTC Engineering"**

<b>Date</b>	11 <sup>th</sup> May to 16 <sup>th</sup> May 2020
<b>Theme</b>	Online Webinar Series
<b>Topic</b>	Recent Trends in EXTC
<b>Intended Audience:</b>	Students of Engineering Institutes
<b>Faculty Coordinator</b>	Mr. Jayesh Rane

On the Golden Jubilee celebration of Mahatma Education Society, Department of Electronics & Telecommunication Engineering of Pillai HOC College of Engineering and Technology (PHCET), Rasayani had organized one-week Free Webinar Series of expert talks by industry and academia experts from 11<sup>th</sup> May to 16<sup>th</sup> May 2020.

The main objective of One-week webinar series was to make use of this unexpected break due to the COVID-19 to develop skills on latest technologies for the enrichment and professional development of students.

149 students registered for webinar series from various institutes across the University of Mumbai. Webinar participation was made free of cost and e-certificate issued to the participants on successful completion of all sessions.

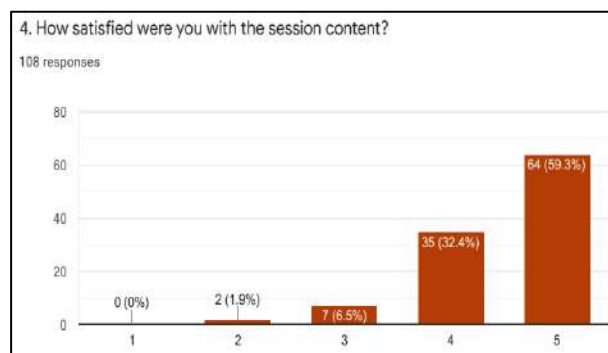
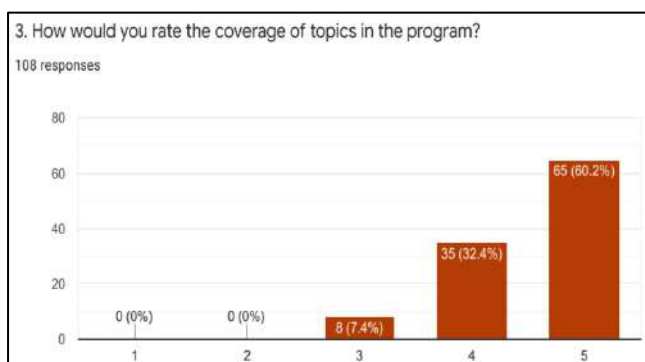
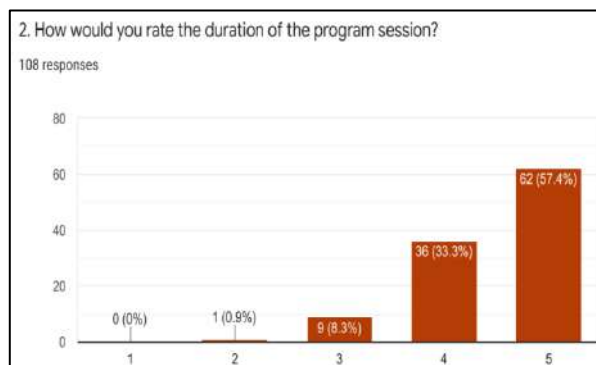
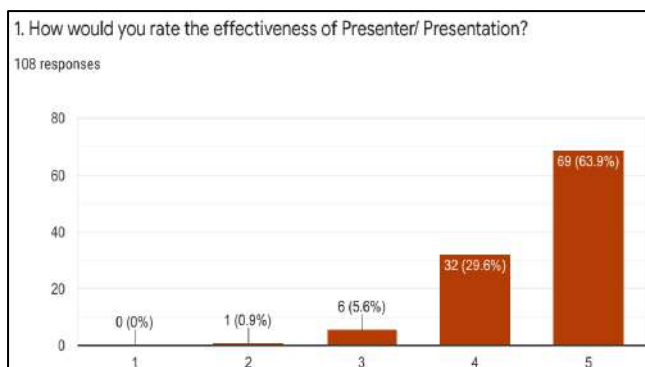
**Schedule and Details of Experts:**

<b>Date</b>	<b>Name of Expert</b>	<b>Topic</b>	<b>Time</b>
<b>Monday 11/05/2020</b>	Mr. Kishor Biradar, Senior Process Associate, TCS	Introduction to Arduino Programming	11:00 a.m.
<b>Tuesday 12/05/2020</b>	Dr. Uttara Gogate, Associate Professor and Deputy HOD, Dept. of Computer Engg, SSJCE, Dombivli.	Overview and applications of WSN	11:00 a.m.
<b>Wednesday 13/05/2020</b>	Dr. Tushar Jadhav, Associate Professor, Department of EXTC, VIIT, Pune.	Machine Learning	11:00 a.m.
<b>Thursday 14/05/2020</b>	Dr. Saurabh N Mehta, Chief Academic Officer and Professor, VIT Mumbai.	Internet of Things	6:00 p.m.
<b>Friday 15/05/2020</b>	Mr. Nabil Diwan, GPON Technical Expert, ZTE Telecom India Pvt Ltd	Gigabyte Passive Optical Network	10:00 a.m.
<b>Saturday 16/05/2020</b>	Mr. Avichal Sharma, Co-founder & CEO, ZinZout Teletech™ -India's first AoT Company	Patch Antenna Revolution	11:00 a.m.

**Webinar Series Feedback Analysis:**



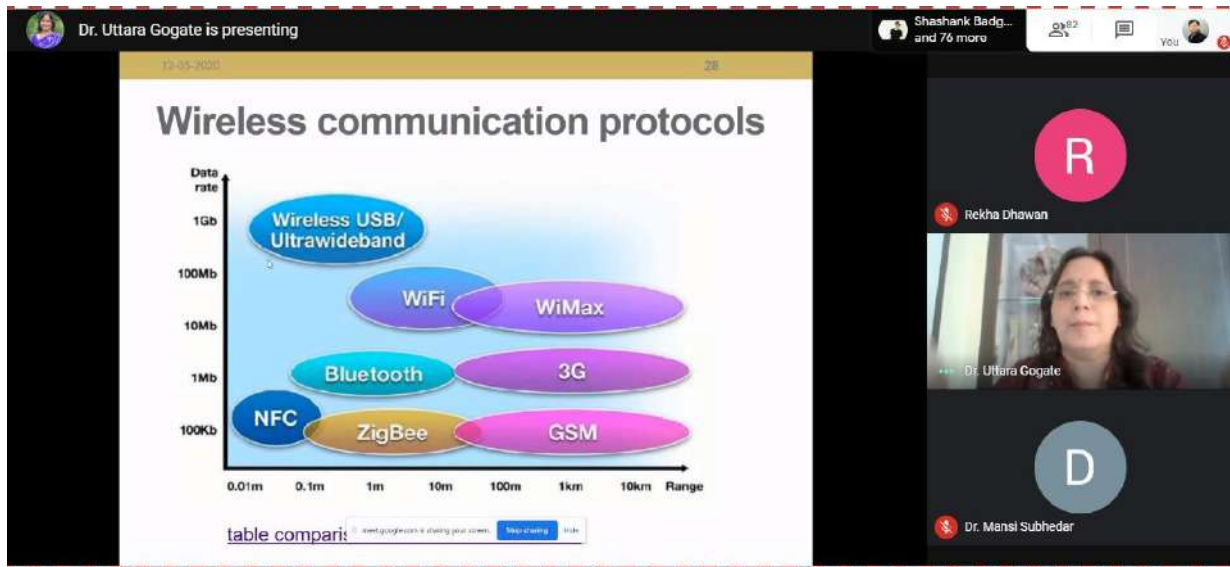
Participants provided feedback for whole webinar series on day to day basis. Following graphs shows the feedback received from participants.



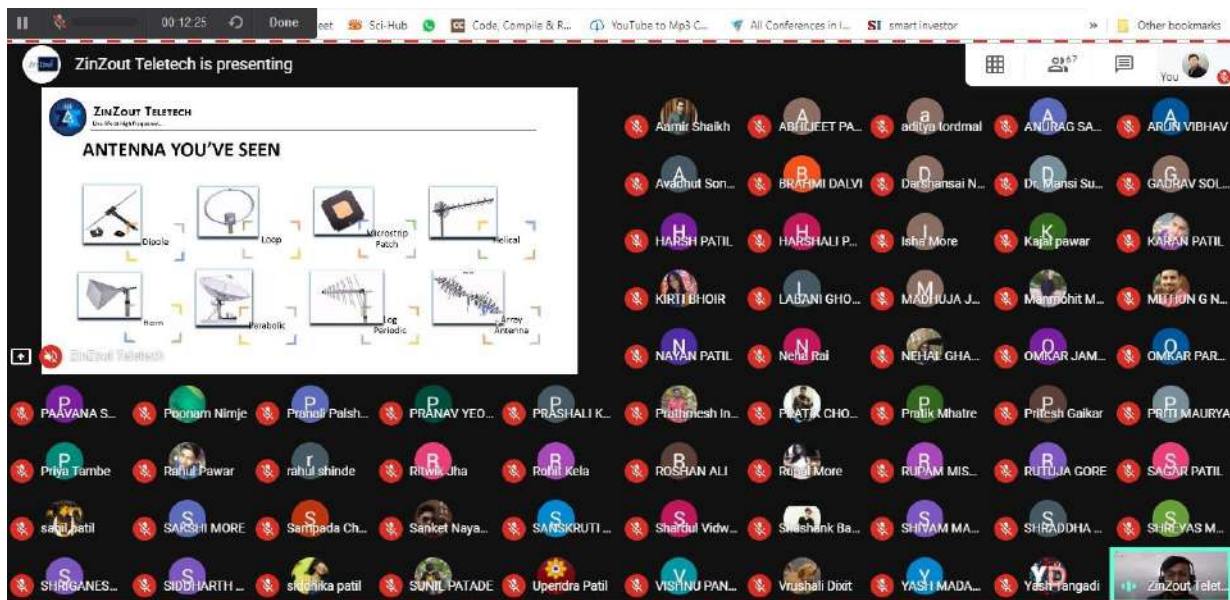
### E-Certificate Sample:



Photo Gallery:



Webinar on Overview and applications of WSN by Dr. Uttara Gogate on 12<sup>th</sup> May 2020



Webinar on Patch Antenna Revolution by Mr. Avichal Sharma on 16<sup>th</sup> May 2020

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Electronics & Telecommunication Engineering

**“A Seminar on Sustainable Development trends in career opportunities”**

Date 26<sup>th</sup> August, 2019

**Venue** Conclave-I

**Department** Electronics and Telecommunication Engineering

Department of Electronics & Telecommunication Engineering of Pillai HOC College of Engineering and Technology, Rasayani organized a seminar on “Sustainable Development trends in career opportunities” under IETE Students forum, on 26th august, 2019 for the target members of IETE - S.E., T.E. & B.E. EXTC. The workshop was conducted by Mr. G. JAYPRAKASH an expert form industry.



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Electronics & Telecommunication Engineering

**“Expert lecture on Need of Electronics Industry for  
EXTC and Electrical Engineers”**

<b>Date</b>	23rd August, 2019
<b>Venue</b>	Seminar Hall
<b>Department</b>	Electronics and Telecommunication Engineering



Department of Electronics &

Telecommunication Engineering of Pillai HOC College of Engineering and Technology, Rasayani organized “Expert lecture on Need of Electronics Industry for EXTC and Electrical Engineers” under IETE Students forum, on 23rd August, 2019 for the target members of IETE - S.E., T.E. & B.E. EXTC. This expert lecture is delivered by Mr. Sanjay Chaudhari, Director, Electronic study center Nasik which intended to Minimize the Gap between Education and Industry.

Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

Department of Electronics & Telecommunication Engineering



# Online Webinar on “Interview Techniques and Industry Readiness”

Date: 16th June 2020

Pillai HOC College of Engineering and Technology, Rasayani had organized One day webinar on Interview Techniques and Industry Readiness by the Department of Information Technology.

## Five Important Interviewing Techniques

- Be positive. You'll be a more attractive candidate (and coworker!) ...
- Set goals. Prior to **interviewing**, take the time to write down where you want to be in 1 year, 3 years and 5 years. ...
- Sell what you can do. Know what benefits and skills you bring to the table. ...
- Ask the right questions in the right way.



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology, Rasayani**

**Department of Electronics & Telecommunication Engineering**

## Online Webinar on “Indian Space Revolution”

<b>Date</b>	19 <sup>th</sup> June 2020
<b>Theme</b>	Online Webinar
<b>Topic</b>	<b>Indian Space Revolution</b>
<b>Speaker</b>	<b>Mr. Nitesh Agrawal</b>
<b>Faculty Coordinator</b>	Mr. Jayesh Rane

In commemoration of the Golden Jubilee Year of Mahatma Education Society, Department of Electronics & Telecommunication Engineering of Pillai HOC College of Engineering and Technology (PHCET), Rasayani has organized webinar on “Indian Space Revolution” on 19<sup>th</sup> June 2020. This webinar was delivered by **Mr. Nitesh Agrawal**, Former Researcher at LCU, China, Research Scholar, IIST, Thiruvananthapuram.

Total 32 students attended this webinar series from Department of Electronics & Telecommunication Engineering, PHCET, Rasayani.

Highlights of webinar:

India began developing satellite technology anticipating the remote sensing and communication needs of the future. India concentrated more on practical missions, directly beneficial to people instead of manned space programs or robotic space explorations.. Following main topics covered in webinar

1. Indian Space Industry history and journey and revolution
2. Satellite Launch Vehicles
3. Space City
4. Smaller cheaper Satellites
5. Future scope in space industry

### **Pillai HOC College of Engineering and Technology**

Rasayani, Raigad – 410222

Department of Electronics and Telecommunication

*A Report on Workshop on*

## **“Arduino Programming”**

*Conducted under IETE chapter*

A Workshop on “Arduino Programming” was conducted under IETE Student chapter for TE EXTC students on 13 March 2020.

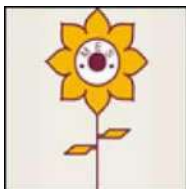
Arduino is an open-source electronics platform based on easy-to-use hardware and software. Arduino boards are able to read inputs - light on a sensor, a finger on a button, or a Twitter message - and turn it into an output - activating a motor, turning on an LED, publishing something online. Arduino boards are relatively inexpensive compared to other microcontroller platforms. Hence Arduino board can be used for prototyping microcontroller based projects to save time and money and are most popular nowadays.

The event started with “National Anthem” at 9:30 am followed by detailed technical session by Mr. Upendra Patil. Students performed variety of tasks in the workshop and the hands session was very useful. Total 39 students participated in this event.









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PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY, RASAYANI  
Department of Electrical Engineering**

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**Guest lecture on  
“Testing and maintenance of meters and power calculations in  
distributed system”**

The guest lecture was organized by Department of Electrical Engineering and it commenced at 10:00 a.m. on 27th August, 2019 in the 1st Floor, Conclave-I. **Ms. Anita Chaudhari**, Deputy Executive Engineer in MSEDCL was invited as resource person. She is having vast experience in Testing of electrical equipments like meters, transformers, cables etc. At factory before dispatch for MSEDCL. She has more than 13 years of experience in testing division and have an experience of testing of meters and maintenance of substations and attending their faults findings and troubleshooting.

The speaker commenced the session with different opportunity in power sector where she highlighted the various government schemes available for electrical engineers. Different regulatory bodies, Electricity act, Indian standards followed for testing electrical components like current transformer, power transformer etc. were discussed. Concepts of energy accounting, prepared energy meter theft detection, billing procedure followed by MSEDCL were explained by the speaker. The change in needs of considering both lead and lag factors was also discussed. Recent problems faced due to oversized capacitor banks and harmonics introduced from end-user side were discussed.

The session was concluded with a question answer session at 12:30 p.m. Students have given positive feedback and they were expecting more session like the same.





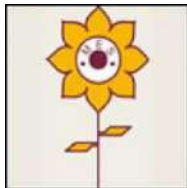




Date: 27/08/2019

Venue: Conclave-I, PHCET

Co-ordinator: Prof. Pranita Chavan



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**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY,  
RASAYANI**

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**Speaker Profile:**

Ms. Ruchira Patole, currently working as an Assistant Professor in Electronics Engineering Department of Pillai College of Engineering, new panel, possesses a Master's and Bachelor's degree in Electronics Engineering from Mumbai University with distinction. She has more than 7 years of experience in teaching. She has published a book chapter in Springer Nature Singapore 2020, indexed by SCOPUS. She has also published papers in national and international journals. She has also conducted many workshops for faculties and students. She is also a coordinator for conducting workshops in collage held by IIT Bombay.

Prof. Sanobar S. introduced the Speaker and Session started.

Date: 20th June, 2020

Platform: Google Meet

Coordinator: Prof. Sangeetha Rajagopal

Schedule:



Time

11:00a.m to 11:10am

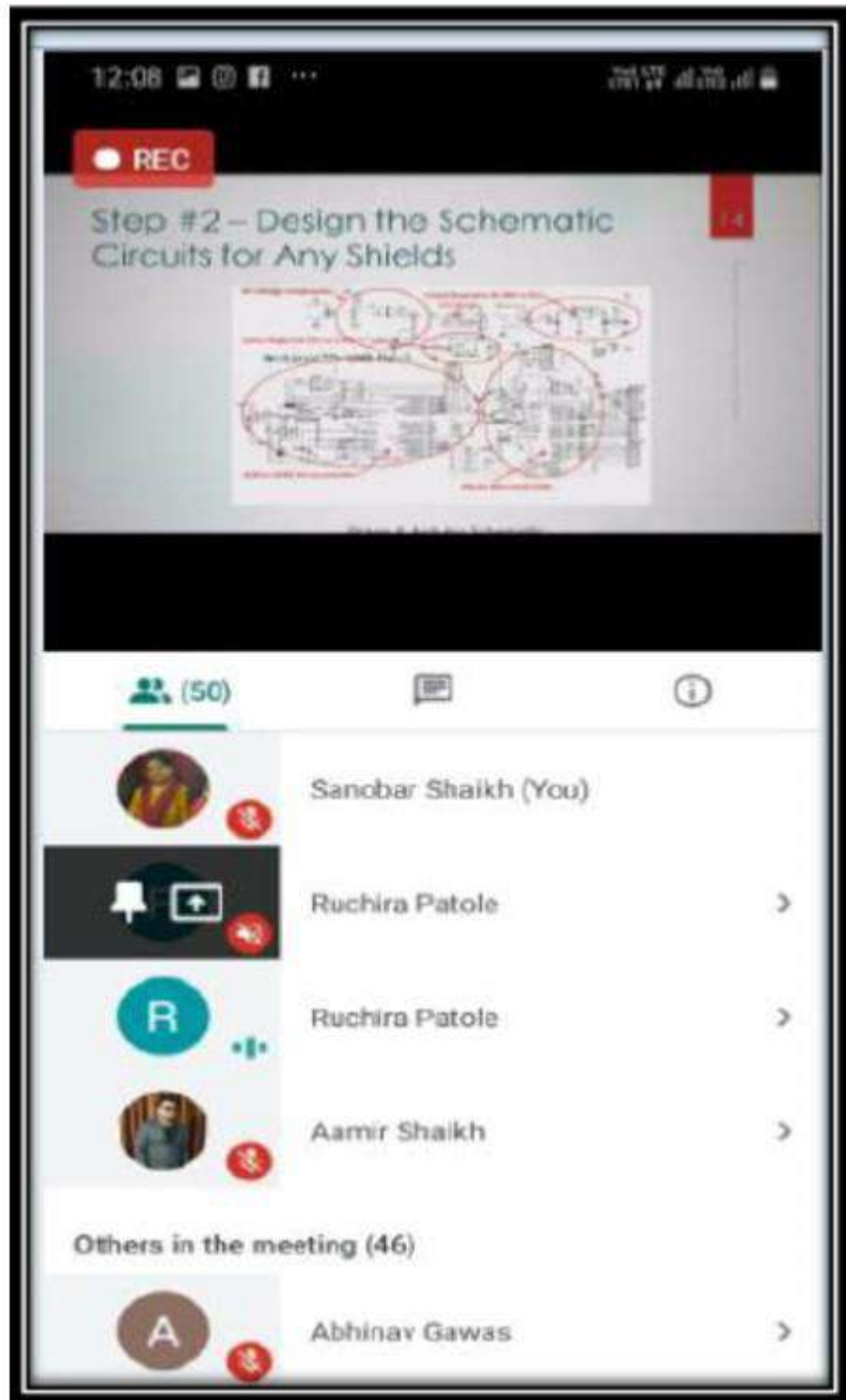
11:15 am to 12:45 pm

12:45 pm to 01:00 pm

Program Inauguration

Lecture

Vote of Thanks



Explanation by Expert on Design analysis of Arduino product

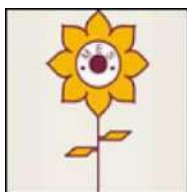
Expert Talk:

Speaker started the session with the introduction of Arduino. She explains the types of Arduinos available in the market and how students can reform them into a commercial product. She has also shown them the working model and parts of drone using Arduino. She also highlighted the costing analysis for final year projects using Arduino kit. She has also given brief overview of useful soft wares used for the resultant product. Students were motivated to utilize their time in studying and hands on trainings for Arduino Workshops.

Siddhartha Nag and Bhavesh Kalyankar, student from BE Electrical, asked questions about costings and soft wares and the speaker gave satisfactory answers to all the queries.

This expert session has great impact on students as well as faculties. Total 60 participants have attended the session and all have given positive feedback. They have also requested to conduct such hearings and hands on sessions in future.

We also have recording of the whole session for those who were unable to join us due to network issue or some other unavoidable circumstances.



**MAHATMA EDUCATION SOCIETY  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY, RASAYANI**

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**Expert Lecture**

**On**

**“Smart Grid Technologies and Applications”**

The Expert lecture on “**Smart Grid Technology and Applications**” was organized by Department of Electrical Engineering organized by Prof. Ms. Sanobar S. Third year and Final Year Electrical Engineering Students. It commenced at 11:00 a.m. on 05<sup>th</sup> March, 2020 in 1st Floor, Conclave-I. Prof. **Ms. Tahoora Qureshi, Assistant professor and Expert for smart grid technologies** was invited as resource person. She has 5 years of experience in teaching as an assistant professor in Electrical Engineering Department of Abdul Razak Kalsekar Engineering College, Panvel. She is also a Topper of “Introduction to Smart Grid Technologies” course, introduced by NPTEL.

Asst. Prof. Mr. Aamir Shaikh introduced the Guest speaker and Head of the Department, Ms. Pranita Chavan felicitated the speaker.

The speaker commenced the session with scenario of existing conventional grids and then introduced the smart grid and their comparison. She gave many case studies where smart

grids are installed and they are being used making our lives more convenient and economical. While explaining the important applications of Smart Grid, she discussed smart devices such as Phase Measurement Units, Smart Sensors, and Smart Fault detecting Devices. She also discussed about the two way communication techniques and importance of Global Positioning System in it. The enthusiastic audience asked many questions and she answered all the question satisfactorily. Many interesting applications she suggested to the students that can be implanted as a final year projects.

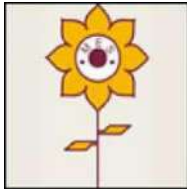
The session was concluded with a question answer session at 01:00 p.m. More than 70 Students were present for the session. All the Students have given positive feedback and they were expecting more session like the same.



Prof. Ms. Tahoorah Qureshi giving introduction of the technology called “smart Grid” to Third Year and Final year students of Electrical Department.



Students interacting and asking doubt on the same topic as it was a two way interactive session.



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**PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY, RASAYANI**

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Speaker Profile: Ms. Prachi Thakur, Psychologist, Social Activist, Counsellor and Motivational Speaker possess bachelor's degree in Electrical engineering and Masters in Psychology has more than 18 years of experience in skills training, social activities and mindfulness practitioner. Mam is certified trainer and have given various talk on positive mindset and self management. Prof. Aamir Shaikh introduced the Speaker and Session started.



Date 18th June, 2020

Platform Zoom App

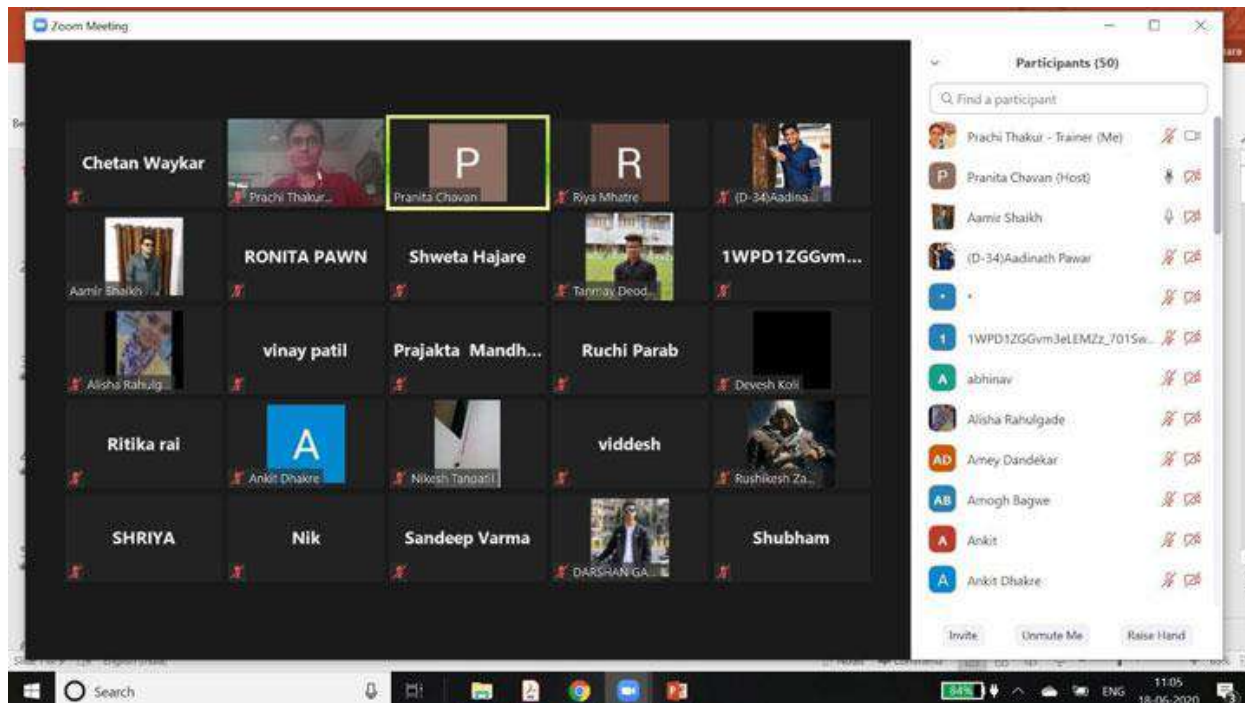
Co-coordinator Prof. Pranita Chavan

Department Electrical Engineering

Schedule:

Time	Programme
11:00 a.m. to 11:15 a.m.	Inauguration
11:15 a.m. to 12:45 p.m.	Lecture
12:45 p.m. to 01:00 p.m.	Vote of Thanks

Speaker started the session with awareness of Covid-19 among students with the precautionary measures to be taken and consequences of Corona was highlighted Mam explained how to be mentally strong in such situation by meditation, deep breath and yoga where students interacted positively. In such situation what should be the prime responsibility of citizen was addressed.



### Explanation by Expert

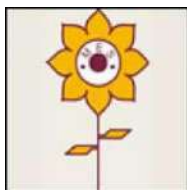
Students were motivated to utilise time and work with NGO for making masks, distribution of sanitizer and work in all possible way to fight against Corona. Students were shown presentation on online platform and asked to discuss doubt without hesitation. Bhavesh

Kalyankar student from B.E. Electrical asked question about positive thinking and he was happy by the support of college.

Mam explained the scenario of current situation with examples and we as responsible citizen should contribute to state government and central government and together as a nation we will win against Corona. Various projects like Mask with face image can be made to provide needy and projects related to sanitization, safety, cleanliness should be done and as an engineer projects done will be boon to society. Mental stress management is key in such lockdown condition because we have to cope up with daily stress. With positive thinking we as a nation will overcome this pandemic and post pandemic planning of education and finance should be done.

This expert session has great impact on students as well as faculties for awareness of Covid-19 and how to deal with it as well as planning of future.

Total 72 participants have attended the session and all have given positive feedback and requested to conduct such session in future also.



**MAHATMA EDUCATION SOCIETY  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY, RASAYANI**



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**Webinar**

**On**

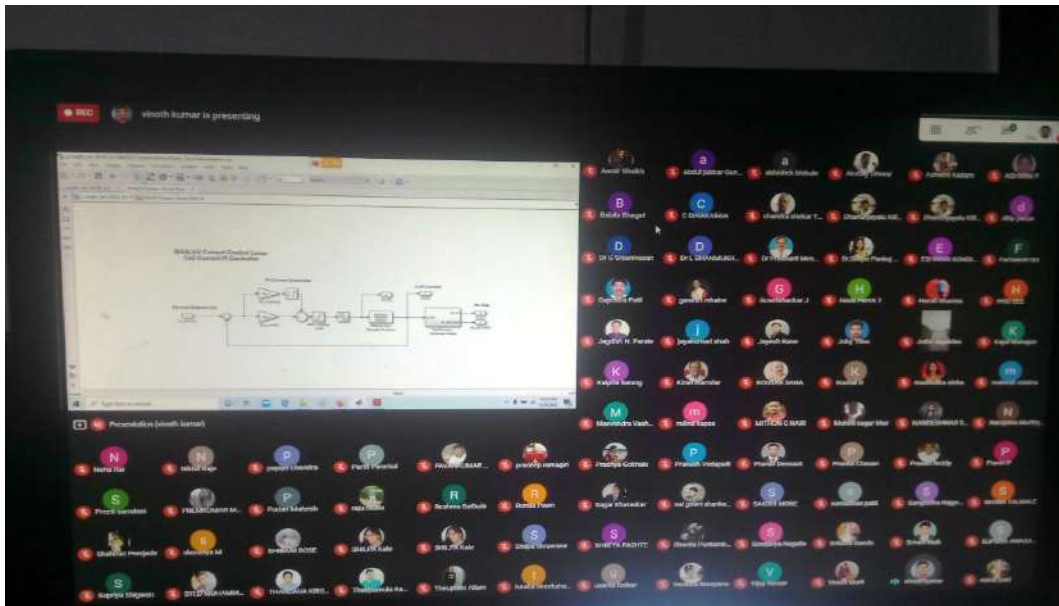
**“Iterative Learning Control”**

A webinar on “Iterative Learning Control” was organized through Google meet by Department of Electrical Engineering and it was held **on 22th May, 2020 at 11:00 a.m.** Dr. Vinodh Kumar, E, Associate Professor, School of Electrical Engineering, Vellore Institute of Technology, Vellore was invited as the resource person. He has a vast experience in the area of control system and has published many papers in international journals. He has more than 10 years of experience in academic and research areas. Further, he is handling central government research projects in collaboration with IIT Madras. Webinar was organized by taking online registration through google forms. 213 participants had registered for the session.

### Screenshot of the webinar

The Speaker commenced the session with an introduction to feedback control system and its limitation, and also introduced the advantages and disadvantages of feedforward control system. He mainly focused on Iterative learning control and its importance. Further, he explained the Iterative learning control with an example of magnetic levitation. He simulated an experiment with MATLAB to explain the application of Iterative learning control. In this webinar problems arising during modelling the Iterative learning control was also discussed.

The session concluded with a question answer session at 12:30 p.m. An online feedback form was sent to participants, positive feedback was received for the webinar and they suggested to organize more session like the same in the future. All the participate were provided with E certificate.



## Webinar on "Opportunities & Career Path of IT Engineer"

Date: 04th July 2020

Pillai HOC College of Engineering and Technology, Rasayani had organized a Webinar on "Opportunities & Career Path of IT Engineer" by the Department of Information Technology.

Information Technology (IT) continues to change the way we live, play, and do business, so it should come as no surprise that *computing and IT* is the fastest growing career field, and will continue to be for years to come.

The dominance of the IT job market is due to numerous factors, including the rapid growth of the Internet and e-commerce, lower hardware prices allowing more businesses to upgrade their technology, increased demand for information security specialists spurred by the escalating frequency and sophistication of cyber-crimes, the advent of smarter applications enabling companies to analyze data for unprecedented business intelligence, cloud computing revolutionizing the way IT departments operate, and the continued proliferation of mobile devices.



Near about 56 students attended this session. Students found this session very informative. The session ended with Q&A and discussion on planning an industrial visit to Pune IT park in the near future.



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology**  
**Department of Information Technology**

**Webinar on Introduction to Database**

Department of Information Technology conducted webinar on “Introduction to Database”. This webinar was conducted for the students of second year. The main purpose of conducting this webinar was to give students a brief idea about database and make them aware for the basic terms used in database systems.



Date: 18/6/2020

Platform: Google meet

Resource Person: Prof. Shamna Sadanand

The contents covered in this webinar were

- Definition of database
- Purpose of Database Systems
- Database Management System (DBMS)
- Data Abstraction
- Instances and Schemas
- Data Independence
- Database Users
- Database Administrators
- Data Models
- Characteristics of Good Database

Link of the recording:

<https://drive.google.com/file/d/1CRWMJ4FXG2hcWjhsReDoyN79AZUG6LXb/view?usp=sharing>

28 students attended the webinar.

Co-ordinator: Prof. Shamna Sadanand



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology**

**Department of Information Technology**

## **Webinar on Software Testing Tools**

**Date: 26th June 2020**

**Speaker: Mr. Premchandra Vishwakarma (Corporate Trainer)**

**Platform: Google meet**

The Department of Information Technology had organized a webinar Software Testing Tools on : 26th June 2020.

Expert Mr. Premchandra Vishwakarma discussed various aspects of software testing with current industry requirements in order to mitigate the gaps of academics and industry. Sir focused on following part of software testing. Software testing tools are required for the

betterment of the application or software. That's why we have so many tools available in the market where some are open-source and paid tools. The significant difference between open-source and the paid tool is that the open-source tools have limited features, whereas paid tools or commercial tools have no limitation for the features. The selection of tools depends on the user's requirements, whether it is paid or free. The software testing tools can be categorized, depending on the licensing (paid or commercial, open-source), technology usage, type of testing, and so on. With the help of testing tools, we can improve our software performance, deliver a high-quality product, and reduce the duration of testing, which is spent on manual efforts. The software testing tools can be divided into the following:

- **Test management tool**
- **Bug tracking tool**
- **Automated testing tool**
- **Performance testing tool**
- **Cross-browser testing tool**
- **Integration testing tool**
- **Unit testing tool**
- **Mobile/android testing tool**
- **GUI testing tool**

The session ended with a vote of thanks by Ms. Farheen Shaikh on behalf of IT department



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology**  
**Department of Information Technology**

## **Webinar on “IoT and Machine Learning”**

**Date: 29th May 2020.**

**Speaker: Mr. Neeraj Kumar Technoriya Technologies Pvt Ltd.**

**Platform: Google Meet**

Department of Information Technology had organised webinar on IoT and Machine Learning.

Experts shared their insights, real life scenarios, practical use cases and their solutions on Internet of Things and Machine Learning. First session started with keynote lecture on IoT and future it provided the insights of IoT applications for smart home, smart cities, smart light etc.

The Internet of things (IoT), which integrates a variety of devices into networks to provide advanced and intelligent services, has to protect user privacy and address attacks such as spoofing attacks, denial of service (DoS) attacks, jamming, and eavesdropping. We investigate the attack model for IoT systems and review the IoT security solutions based on machine-learning (ML) techniques including supervised learning, unsupervised learning, and reinforcement learning (RL). ML-based IoT authentication, access control, secure offloading, and malware detection schemes to protect data privacy are the focus of this article. We also discuss the challenges that need to be addressed to implement these ML-based security schemes in practical IoT systems.

The session ended with a vote of thanks by Dr. J. E. Nalavade, Head of Information Technology Department.

### **One day Webinar on “Future of IOE for Business” and “IoT for Music Therapy”**

Date: 16/06/2020

Coordinator: Ms. Monisha Mohan & Ms. Rupali Sathe

Platform: Google Meet

Department of information Technology, Pillai HoC college of Engineering and technology scheduled One day Webinar On “**Future of IOE for Business**” and “**IoT for Music Therapy**”, on **Thursday 18 June 2020**. From 10 am to 12 pm. This workshop was organized for UG students, Faculty members of the department of Information Technology.

Informative session conducted by the expert. Expert shared views on following points which was very helpful to manage stress level in human.as every human experiences stress in their life. This stress can lead to many problems, particularly depression. Stress can increase a person's heart beat rate, blood pressures, Cortisol level and various other parameters. There are conventional methods to reduce stress i.e. by consuming antibiotic medicine. But this method might have side effects. The other way which may be used to reduce stress is by listening to musical ragas. This is known as music therapy. Music therapy helps a person to calm down his brain waves. This in turn would reduce stress of a person and consequently all the parameters of stress i.e. heartbeat, blood pressure, Cortisol level might also reduce. To confirm whether music therapy is effective on stress we would use the concept of IOT (Internet of Things). IOT is a concept in which machine interact with the human world. This interaction is possible due to sensors. In our project we would use sensors to measure the parameters of stress. This would help to keep track of person's record in real time.

The session ended with a vote of thanks by Ms. Monisha Mohan, faculty of Information Technology Department.

# Expert lecture on “Artificial Intelligence”

Date: 6th Feb, 2020

Pillai HOC College of Engineering and Technology, Rasayani had organized Expert lecture on “Artificial Intelligence” by the Department of Information Technology.



**Artificial intelligence (AI)** is intelligence demonstrated by machines, unlike the **natural intelligence** displayed by humans and animals, which involves consciousness and emotionality. The distinction between the former and the latter categories is often revealed by the acronym chosen. 'Strong' AI is usually labelled as AGI (Artificial General Intelligence) while attempts to emulate 'natural' intelligence have been called ABI (Artificial Biological Intelligence).







Mahatma Education Society's

**Pillai HOC College of Engineering & Technology**

**Department of Information Technology**

**Guest Lecture on Emerging Technology - Data Science (using Python ,R, SAS)**

**Date: 13<sup>th</sup> Feb 2020**

**Speaker : Mr. Ashwin Gowtham**

Department of Information Technology had organised Guest Lecture on Emerging Technology for the students of Second Year and Third Year Engineering.

The phenomena and problems resulting from the exponential growth of data, both technological and non-technical, are included in data science. Finally, it gives data scientists a set of tools to use data to tell stories. It offers ways to gather, analyse, and visualize this data.



**Introduction to Data science**



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology**  
**Department of Information Technology**

**Webinar on Webinar on Core Java**

Department of Information Technology conducted webinar on “Core JAVA”. This webinar was conducted for the students of second year. The main purpose of conducting this webinar was to give students a brief idea about database and make them aware for the basic terms used in JAVA.

Date: 15th June 2020.

Platform: Google meet

Resource Person: Prof. Shamna Sadanand

The contents covered in this webinar were

- Features of JAVA
- Purpose of JAVA
- Understanding of Pre-Defined Classes
- Data Abstraction
- Inheritance
- Polymorphism
- Interface
- JAVA threads
- Applets

Link of the recording:

<https://drive.google.com/file/d/1KLOOJ4NTG2hcVihsSeFoyM79AZUG6LXb/view?usp=sharing>

28 students attended the webinar.

Co-ordinator: Prof. Shamna Sadanand

60 Students and faculty members attended the session .The session was conducted on the platform of Google Meet.

Session was an interactive session and solved all the queries from the participants regarding publication of article in journal and conference Vote of Thanks was delivered by IT Department HOD



Mahatma Education Society's

**Pillai HOC College of Engineering & Technology**

**Department of Information Technology**

## **One day webinar on Big Data with Keras**

**Date: 17<sup>th</sup> June 2020.**

**Speaker: Mr. Likesh Kolhe**

**Platform: Google Meet**

The Department of Information Technology had organised a webinar on Big Data with Keras.

Expert Mr. Likesh kolhe shared their insights, real life scenarios, practical use cases and their solutions on Big data. The session started with a keynote lecture on Big data Analytics provided the insights of Keras libraries and applications for big data. Big Data predictive analytics using machine learning techniques is currently a much active area of research. Keras is an API designed for human beings, not machines. Keras follows best practices for reducing cognitive load: it offers consistent & simple APIs, it minimizes the number of user actions required for common use cases, and it provides clear & actionable error messages. The session is organised with the objective to get industry exposure of advanced topics which are beyond the syllabus.

The session ended with a vote of thanks by Ms. Monisha Mohan on behalf of the IT department.





Mahatma Education Society's

**Pillai HOC College of Engineering & Technology**

**Department of Information Technology**

## **One day webinar on Interview Techniques and Industry Readiness**

**Date:** 16th June 2020

**Speaker:** Prof. Sanjay Jadhav (Secretary, MaTPO)

**Platform:** Google Meet

The Department of Information Technology had organised a webinar on Interview Techniques and Industry Readiness.

In this Industry Readiness Webinar speaker shared their experience with the students through an online platform. The Speaker uses the platform to share beneficial knowledge, ideas and updates with the stakeholders.

The purpose of the webinar series is to engage an industry expert to host a seminar on a broad spectrum, about the expectations and the pedagogy required to bridge the gap between the academia and the industry on various aspects.

The webinar includes a wider reach and ability to share knowledge and inherent opportunities to reach out many industrial experts, thereby getting the knowledge imparted from the industry and accessing the general requirement of the industry, which may be very much useful at the time of their campus recruitment.

The session ended with a vote of thanks by Dr. J. E. Nalavade, Head of Information Technology Department.

Five Important Interviewing Techniques

- Be positive. You'll be a more attractive candidate (and coworker!)
- Set goals. Prior to interviewing, take the time to write down where you want to be in 1 year, 3 years and 5 years. ...
- Sell what you can do. Know what benefits and skills you bring to the table. ...
- Ask the right questions in the right way.



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Webinar on “E-waste Management”**

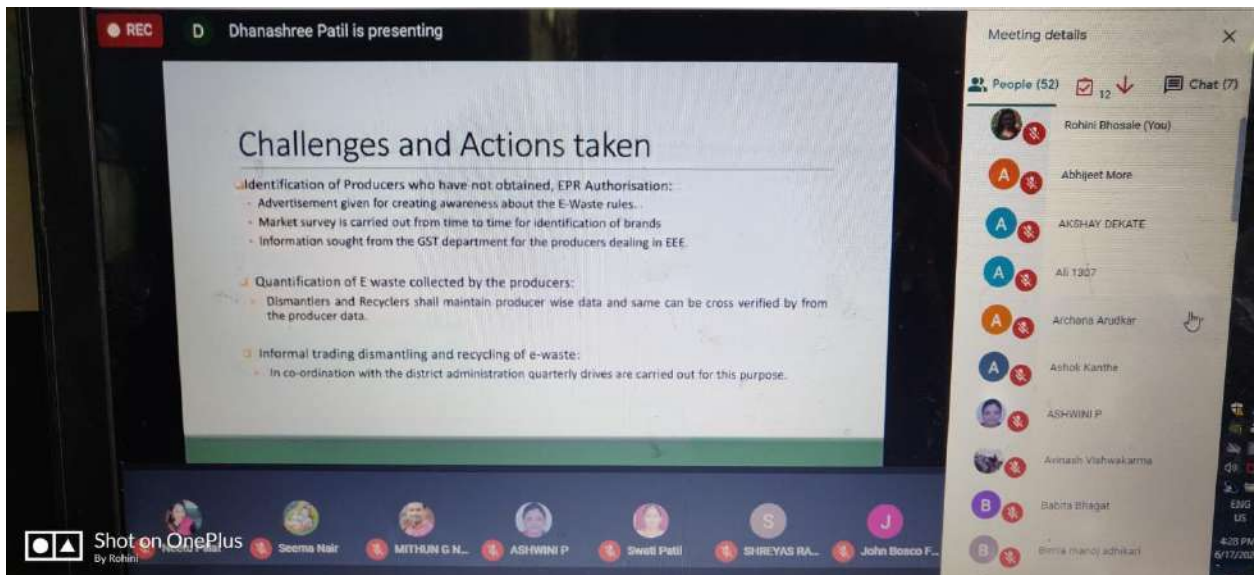
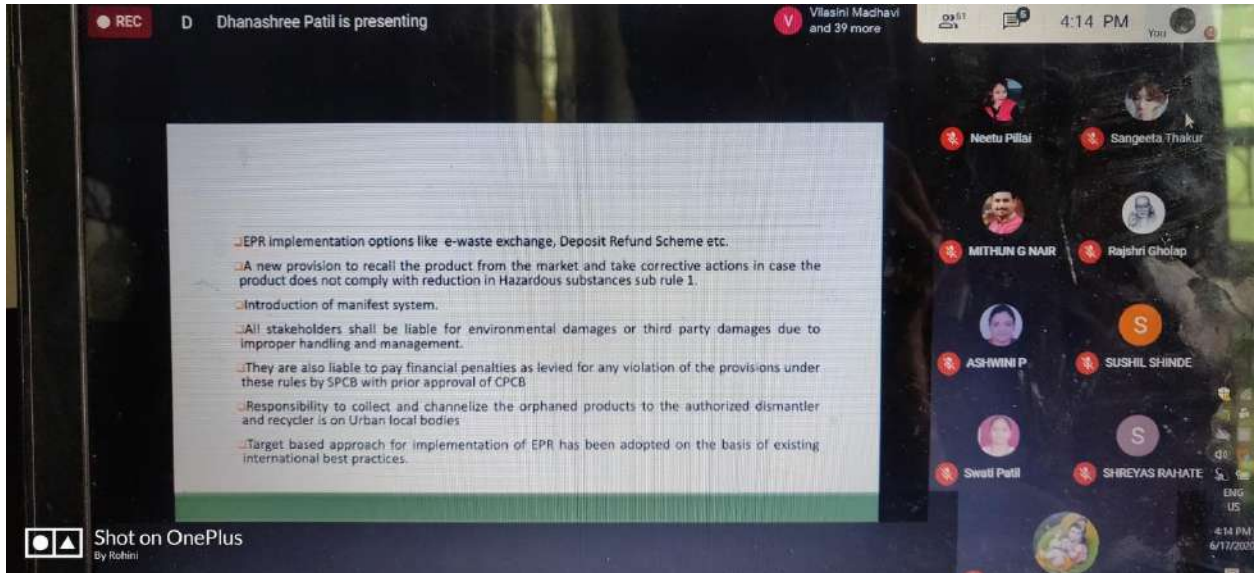
<b>Date</b>	June 17, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Ms. Dhanashree Patil, Sub Regional Officer, Maharashtra Control Board, Sion
<b>Coordinator</b>	Ms. Rohini Bhosale
<b>Department</b>	Computer Engineering

To make the best use of the lockdown period due to COVID 19 pandemic, Pillai HOC College of Engineering and Technology, Department of Computer Engineering organized webinar on “**E-waste Management**” for students and faculty of PHCET on 17 June 2020. Participants were enlightened with the knowledge of resource person on e-waste management. Ms. Dhanashree Patil Education, Sub Regional Officer, Maharashtra Control Board, Sion was invited as the resource person for the webinar. She has 4 years industry experience. Currently she is working as Sub Regional Officer in Maharashtra Pollution Control Board. She works with Electronic Waste Management division of MPC Board. Total 55 students and faculty participated in the session.

Various topics were unfolded by the eminent speaker during the webinar. The following are some of the topics discussed in the session by the speaker:

- What is e-waste
- Sources of e-waste
- Effects of e-waste on the environment
- E-Waste Management Rules, 2016
- Roles and responsibilities of shareholders

The session ended with vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

**Industry Expert Session on "Ethical Hacking"**

<b>Date</b>	19 <sup>th</sup> June 2020
<b>Expert</b>	Mr. Chaitanya Veer, Reliance Jio, General Manager
<b>Department</b>	Department of Computer Engineering

Pillai HOC College of Engineering and Technology, Rasayani organized an Industry Expert Session on "Ethical Hacking". The session was conducted on the digital platform using Google Meet during the Lockdown period. The expert is a general manager at Reliance Jio Infocomm Limited. The session dealt in the basics of Ethical Hacking and also the various tools for Hacking. The expert gave participants an insight of different types of hackers (i.e. The Ethical Hacker (White hat), Cracker, Grey hat, Script kiddies, Hacktivist, Phreaker). The most crucial part of the session was when he addressed all the expectations that a company has when a student attends an interview for the post of cyber security. All the participants were given a certificate. There were 72 participants for the session.

**The topics covered in the session are as follows:**

1. What is Ethical Hacking?
2. Different types of Hackers.
3. Various Hacking tools.
4. Hands on session explained by expert on the nmap.

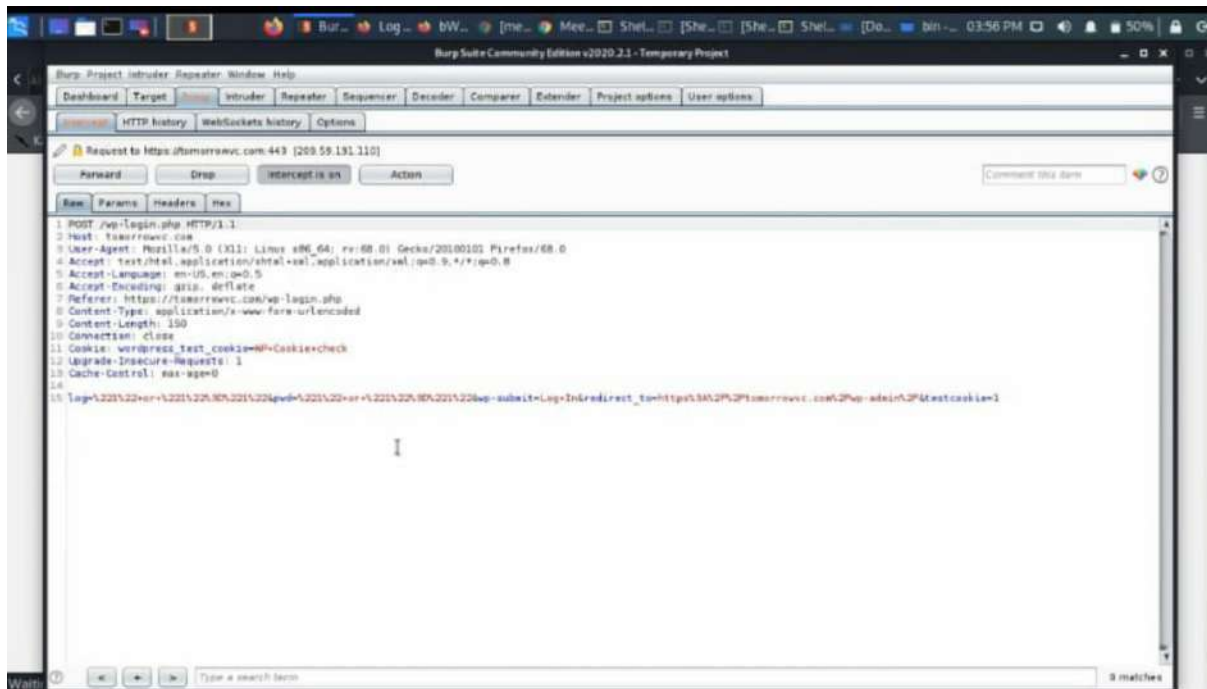
PILLAI HOC  
COLLEGE OF  
ENGINEERING  
AND  
TECHNOLOGY

# A WEBINAR ON ETHICAL HACKING

DEPARTMENT OF:  
**COMPUTER  
ENGINEERING**

20.06.20 | 2.30 PM

Speaker  
Mr. Chaitanya Satish Veer  
General Manager, Reliance Jio  
Infocomm Limited





Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
Department of Computer Engineering

**Webinar on “How to set Roadmap for a Startup?”**

To make the best use of the lockdown period due to COVID 19 pandemic, Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “**How to set Roadmap for a Startup?**” for students and faculty of PHCET.

<b>Date</b>	June 25, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Ms. Smedha Sarkar, Founder & MD, Edumaan Training Services LLP.
<b>Coordinator</b>	Ms. Pooja Pemare, Mr. Abhijeet More
<b>Department</b>	Computer Engineering

Ms. Smedha Sarkar, Founder & MD, Edumaan Training Services LLP was invited as the resource person for the webinar. Also, been an active member of Headstart Network Foundation for the past 5+ years and led the Women Entrepreneurship Initiative across 15 cities in India. Currently involved in developing the startup ecosystem of Tier 2 and 3 cities in India by serving as a Core Team, Board Member at Headstart Network Foundation and responsible for heading National Partnerships. Moreover, embarking on a mission to make 1 Million people employable by the year 2020.

Total 90 students and faculty have participated the session. The speaker has emphasized on following points. This lecture was planned to provide the students the opportunity to get knowledge about how to prepare to set roadmap for a startup? This webinar is a vital part of our knowledge management activities, a high priority at our organization. The attendees thought this webinar was educational, insightful, and provided a valuable and deep technical perspective. By giving real time example and stories the speaker has captured all participant’s attention throughout the session.

The session ended with vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.



**Mahatma Education Society's**  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**(NAAC Accredited with "A" Grade in the First Cycle 2019)**  
**Re Accredited by NBA for Computer and**  
**Mechanical Engineering 2020**

**DEPARTMENT OF COMPUTER ENGINEERING**  
**ORGANIZES A**

# **WEBINAR ON HOW TO SET ROADMAP FOR A STARTUP?**

**DATE:**

**25**

**JUNE  
2020**



**TIME:**

**5PM**

**ON  
WARDS**

Resource Person

**Ms. Smedha Sarkar**

Founder & MD,

Edumaan Training Services LLP

**Social Entrepreneur**

---

**Coordinators:** Abhijeet More, Pooja Pemare

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**HoD:** Dr. Ashok Kanthe

Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**  
**Report**  
**on**  
**Webinar on "Predictive Analytics few case study"**  
**Academic Year 2019-2020**

In this Pandemic situation, Pillai's HOC College of Engineering, Department of Computer Engineering has organized various webinars for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-2020, Ms. Babita Bhagat & Ms. Srijita Bhattacharjee have organized a webinar on "Predictive Analytics few case study" on 26<sup>th</sup> June 2020. Webinar was conducted by Mr. Rajesh Kulkarni. Ms. Neetu Pillai has introduced the speaker that he has 26 years of experience in the areas of Machine Learning, Development, Data Management. He worked as Director at IGCOE Navi Mumbai. 153 students & faculty have attended this event.

Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**  
**Report**  
**on**  
**Webinar on "Secure Data in US Health Care"**  
**Academic Year 2019-2020**

In this Pandemic situation, Pillai's HOC College of Engineering, Department of Computer Engineering has organized various webinars for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-2020, Ms. Babita Bhagat have organized a webinar on " Secure Data in US Health Care " on 27<sup>th</sup> June 2020. Webinar was conducted by Mr. Jaffer Shaikh. Ms. Subhratara has introduced the speaker that he has 02 years of experience in the areas of Data analysis. He is working as Sr. Interface Executive at Bizmatics India pvt Ltd. 85 students & faculty have attended this event.



**bizmatic** **prognosis**

# Securing Data in US HealthCare

By:-  
Shaikh Jaffer,  
Sr. Interface Executive  
Bizmatic India Pvt Ltd.

0:00 / 24:59

By: Shaikh Jaffer.

Prognosis - A Product By Bizmatic Inc. - Google Chrome

192.24.12.1111/prognosis/PatientHome.jsp

## InterfaceV384\_310

Welcome, Admin, Admin

Appointment | Patient | COM | Messages | Reports | Settings

Patient Search | Patient | Encounter | Encounter Type: OTHER | Eric Type: ACUTE PAIN - NEW PROBLEM | Eric Date: 10-21-2018 | Next Appt: | Encounter Comp: Child Health Choice | Attending Provider: Sarathy, Heay, W.

Encounter | Review | Patient | Encounter

- Encounter
- Visit Sheet
- Diagnosis List
- Diagnosis Comp
- Patient Name
- Vitals
- PHI
- BCS
- Physical
- Family History
- Medicine Interface
- Assessment
- Prescription
- Order Sheet
- Radiology
- Lab
- Lab to Lab Transfer
- ESM
- Education
- Progress Notes
- Prescription

COM

- Rx
- Rx Review
- Lab
- Radiology
- Consult
- Procedure

Current Medication

Past Medical History

Atypical face pain 5/10 (10-21-2018 0501)

Past Surgical History

Family History

Social History

Family Practice

Health Plan/Insurance

Worksheet

10-21-2018 Adenovirus (Type A) Adenocarcinoma

Activate Windows  
Go to Settings to activate Windows.

6:30 PM  
21-09-2020

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12:57 / 24:59

SALONEE NAVALE

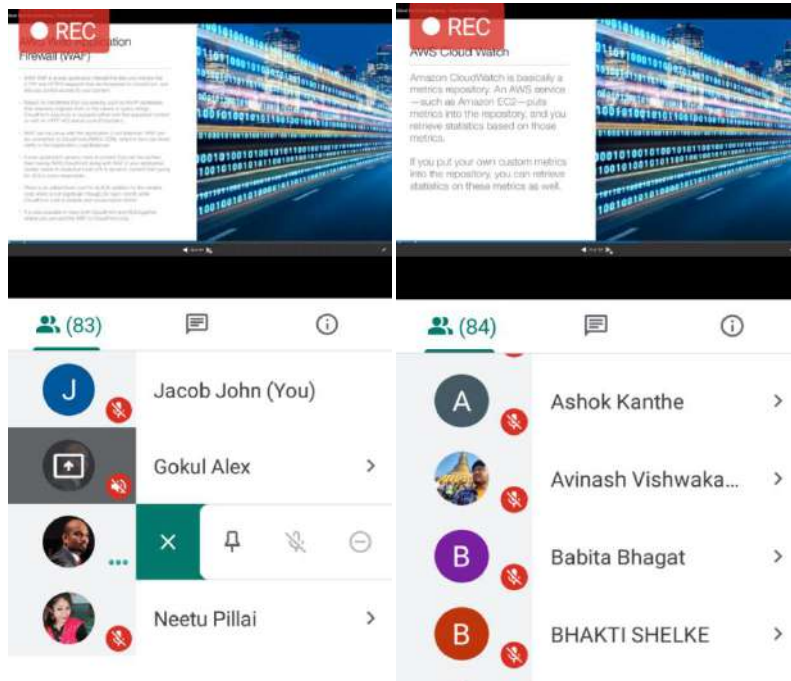
Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Report of Webinar on Understanding Cloud Security and Its Importance**  
**ESAY 2019-20**

<b>Date</b>	29 June 2020 11.00-13.00
<b>Department</b>	Computer Engineering

An online webinar on Understanding Cloud Security and Its Importance was conducted on 29 June 2020 11 am to 1 pm. The faculty coordinators were Mr. Jacob John and Ms. Rohini Bhosale. The event was organised by Cyber security club of Department of Computer Engineering, Pillai HOC College of Engineering and Technology in association with RedTeam Hacker Academy, Thiruvananthapuram, Kerala. RedTeam Hacker Academy is a well known cyber security training academy in Kerala. The expert speaker of the lecture was Mr. Gokul Alex. Mr Gokul Alex is an engineer, economist and key note speaker for various technology conferences. The security aspects of the cloud infrastructure were presented well in the lecture.

There were total 114 participants registered for the webinar and 87 candidates attended. There was good response from students and good feedback received from participants.



Mahatma Education Society's  
Pillai HOC College of Engineering and Technology  
Department of Computer Engineering

### **Webinar on “Self Discovery”**

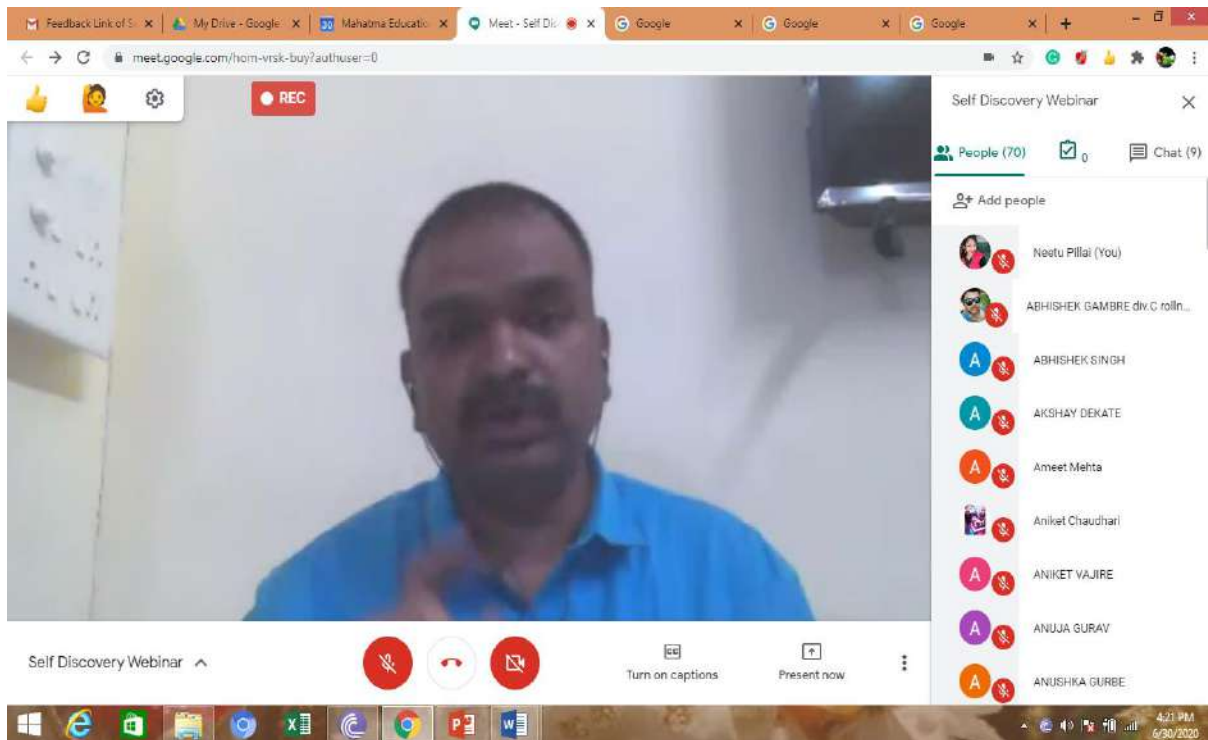
To make the best use of the lockdown period due to COVID 19 pandemic, Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “**Self Discovery**” for students and faculty of PHCET.

<b>Date</b>	June 30, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Mr. Arvind Navagire, Founder of Arvind Learning Academy, Pune
<b>Coordinator</b>	Mr. Rahul Kapse and Ms. Neetu Pillai
<b>Department</b>	Computer Engineering

Mr. Arvind Navagire, Founder of Arvind Learning Academy, Pune was invited as the resource person for the webinar. Mr. Arvind is having more than 12 years of experience and have conducted more than thousand seminar, based on observation and extensive experience of working closely with professionals and young mind. He is an Orator, Performance enhancement coach, mindfulness and mind programming practitioner, educator, skill development consultant and also an entrepreneur.

Total 77 students and faculty have participated the session. The expert commenced the session by interacting with participants asking what all things they love and hate in their life. The speaker have emphasized on following points. Focus on behavior, as it is important in long run to achieve success. Be multi-talented avoid doing multitasking as brain can concentrate only on one task at a time. To get 100% success mind and body needs to be together. By giving real time example and stories the speaker have captured all participant's attention throughout the session. The main objective of the webinar was to make participant “know thyself” also make them realize what are there strengths and area of improvement which they understood by end of the session.

The session ended with vote of thanks by Dr. Ashok Kanthe, Head of Computer Engineering Department. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology,**  
**Rasayani**

Department of Computer Engineering

**Webinar on “Data Visualization using Python”**

<b>Date</b>	July 3, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Mr. Pankaj Kunekar, Assistant Professor, Atharva College of Engineering, Mulund
<b>Coordinator</b>	Ms. Babita Bhagat & Ms. Srijita Bhattacharjee
<b>Department</b>	Computer Engineering

Computer Engineering Department had successfully conducted an Online Webinar on “**Data Visualization using Python**” for students and faculty of PHCET.

In this Pandemic situation, Pillai's HOC College of Engineering, Department of Computer Engineering has organized various webinars for aspirants assembling with various interests in the field with a very high competitive spirit to participants and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-2020, Ms. Babita Bhagat & Ms. Srijita Bhattacharjee have organized a webinar on " Data Visualization using Python" on 3<sup>rd</sup> July 2020. Webinar was conducted by Mr. Pankaj Kunekar. Ms. Saraswati has introduced the speaker that he has 7 years of experience in the areas of databases, programming languages, Data access technologies and many more. He worked as an Assistant Professor at Atharva College of Engineering. 88 students & faculty have attended this event.

Mahatma Education Society's  
Pillai HOC College of Engineering & Technology,  
Rasayani  
Department of Computer Engineering  
Webinar  
on  
Data Visualization using Python  
Date : 3rd July 2020 at 2:00pm onwards

Play (k)  
0:01 / 1:09:01

SARASWATI PATKAR

WHAT IS DATA VISUALIZATION

- Data Visualization is the presentation of data in graphical format.
- It helps people understand the significance of data by summarizing and presenting huge amount of data in a simple and easy-to-understand format and helps communicate information clearly and effectively.

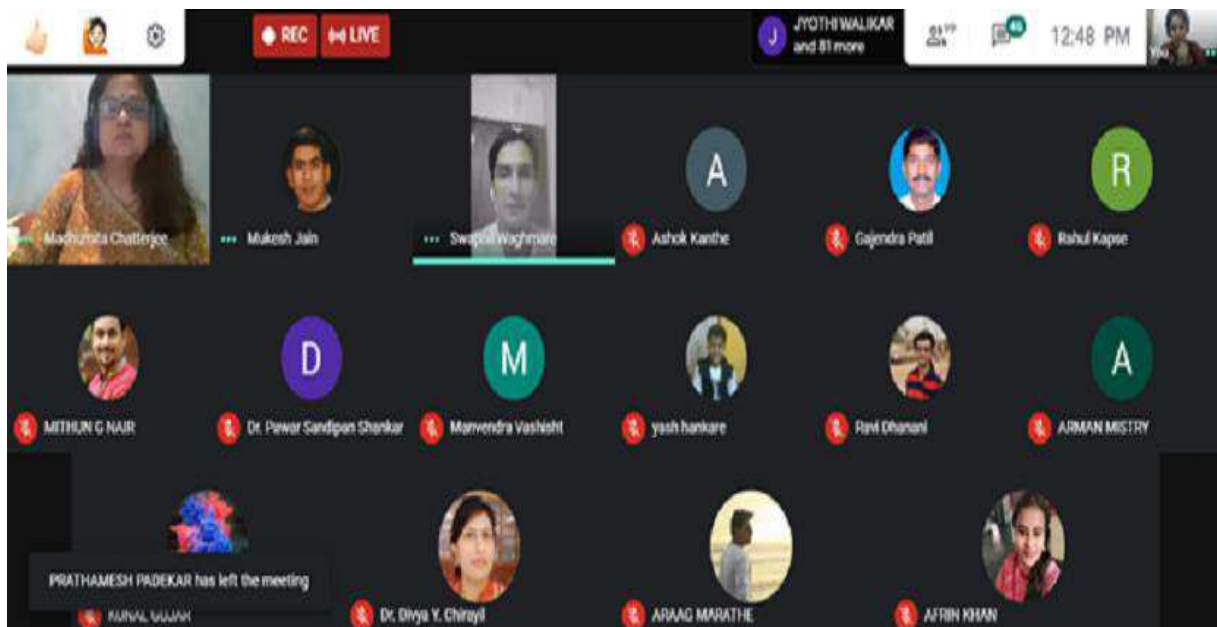
Parthaj Kumbhar

Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology, Rasayani**  
Department of Computer Engineering

**REPORT  
ON  
Webinar on “Insights Into AI & Analytics Careers Post Covid-19”**

<b>Date &amp; Time</b>	4th July, 2020
<b>Platform</b>	Zoom Meeting
<b>Resource Person</b>	Mr. Mukesh Jain, Chief Technology and Innovation Officer (CTIO), VP and Head of Insights & Data Technology at Capgemini, India
<b>Coordinator</b>	Mr. Swapnil Waghmare
<b>Department</b>	Computer Engineering

The department of Computer Engineering has organized a Webinar on “Insights Into AI & Analytics Careers Post Covid-19” on Saturday 4th July 2020. The webinar was conducted by Mr. Mukesh Jain, Chief Technology and Innovation Officer (CTIO), VP and Head of Insights & Data Technology at Capgemini, India. There were a total 150 participants for this webinar. During his webinar he explained the Importance of AI & Data Analytics, Industry expectations, Career Opportunities in Analytics. He shared his experience working with Bill Gates and how he developed an AI algorithm which really motivated all the participants.





**PHCET**  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY

*Pillai*



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Engineering & Technology Rasayani  
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NAAC in the First Cycle 2019**

**A Webinar on Insights into  
AI & Analytics Careers Post Covid - 19**



**Mr. Mukesh Jain  
CTO, Capgemini**

**Date : Saturday 4<sup>th</sup> July 2020**

**Time : 11.00 AM**

**Organized by**

**Department of Computer Engineering**

**Convener**

**Dr. Ashok Kanthe**

**(Head, Dept. of Computer Engineering)**

**PHCET, Rasayani**

**Faculty Coordinator**

**Prof. Swapnil Waghmare**

**Training & Placement Cell**

**PHCET, Rasayani**

**Registration Link**

<https://forms.gle/F9DktjK80ansxW1D9>

Join the  
Session on :





Mahatma Education Society's

## **Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

### **Webinar on “Oracle DB Components and PL/SQL”**

<b>Date</b>	July 04, 2020
<b>Platform</b>	Google Meet
<b>Resource Person</b>	Mr. Tejas Patkar, Oracle developer at ATOS-Syntel, Scotland, UK
<b>Coordinator</b>	Mr. Rahul Kapse and Ms. Neetu Pillai
<b>Department</b>	Computer Engineering

Pillai HOC College of Engineering and Technology, Department of Computer Engineering had successfully conducted an Online Webinar on “**Oracle DB Components and PL/SQL**” for students and faculty of PHCET.

Mr. Tejas Patkar, Oracle developer at ATOS-Syntel, was invited as the resource person for the webinar. Mr. Tejas has more than 5 years of experience and is working as a database developer at ATOS-Syntel. He is an alumni of PHCET 2014 batch.

Total 49 students and faculty have participated in the session. The expert commenced the session by explaining what is SQL, SQL Limitation, what is PL/SQL, its key features and major differences between SQL and PL/SQL. Later he explained different schema objects and their real time uses. He also explained different loops used in PL/SQL. He gave our students insights about current technologies used in industry and gave advice to students that they should increase their communication and adaptability to get good placements. The main objective of the webinar was to make participants aware about different Oracle database components used and basic introduction to PL/SQL which they understood by end of the session.

The session ended with a Question Answer session and vote of thanks. Feedback link was sent to the participants and E-Certificate was mailed to their registered mail ids. Positive feedback was received from participants.

meet.google.com/tym-dczi-dwp

REC Tejas Patkar is presenting

### The FOR LOOP (CURSOR)

```

PROCEDURE display_multiple_years (
  start_year_in IN PLS_INTEGER
  ,end_year_in IN PLS_INTEGER
)
IS
BEGIN
  FOR sales_rec IN (
    SELECT *
    FROM sales_data
    WHERE year BETWEEN start_year_in AND end_year_in)
  LOOP
    display_total_sales (sales_rec.year);
  END LOOP;
END display_multiple_years;

```

16

Tejas Patkar

Oracle Webinar

People (48) 46 Chat

Add people

- Neetu Pillai (You)
- ANIKET VAJIRE
- ANSHIKA SINHA
- ARFITA PATIL
- Avinash Vishwakarma
- BHARTI RATHOD
- BHUSHAN MOKAL
- DEEPTI SONAWANE
- DIPTI THOMBARE

Windows taskbar: 5:15 PM 7/4/2020

meet.google.com/tym-dczi-dwp

REC

Oracle Webinar

People (40) 16 Chat

Add people

- Neetu Pillai (You)
- AKSHAY DEKATE
- ANIKET VAJIRE
- Avinash Vishwakarma
- BHARTI RATHOD
- DEEPTI SONAWANE
- DEVANG PARATE
- GAYATRI MHATRE

Windows taskbar: 4:52 PM 7/4/2020

meet.google.com/tym-dczi-dwp

REC

Oracle Webinar

People (47) 33 Chat (1)

- PRITEE BHOITE
- Rahul Kapse
- Ravi Dhanani
- RISHABH MEHTA [ SE-B ]
- RIYA MATHAPATI
- RUCHA MAHALKAR
- RUSHIKESH FATIL
- SAGAR KAMBLE
- SALONEE NAVALE

Turn on captions Present now

5:25 PM 7/4/2020

meet.google.com/tym-dczi-dwp

REC Tejas Patkar is presenting

Schema Objects and real time uses

- Tables
- Constraints
- Indexes
- Triggers
- Sequences
- Synonyms
- Packages
- Stored procedures
- Functions
- Scheduler Jobs
- Views
- Materialized Views
- Database links
- Queues
- Object types

Oracle Webinar

People (45) 45 Chat

Add people

- Neetu Pillai (You)
- AKSHAY DEKATE
- ANIKET VAJIRE
- ANSHIKA SINHA
- Avinash Vishwakarma
- BHARTI RATHOD
- DEEPTI SONAWANE
- GAYATRI MHATRE

Turn on captions Tejas Patkar is presenting

A Webinar\_on\_in...mp4 webinar Introduc...docx Show all X

4:40 PM 7/4/2020

Mahatma Education Society's

**Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

**REPORT**

**ON**

**Webinar on “Opportunities & Career Path of IT Engineer”**

Date : 4th July, 2020

Department : Information Technology and Computer Engineering

Resource person : Mr. Sandip Manware Sr. Software Developer, Cognizant Pune

Coordinator : Mr. Nikhil Raje/ Mr. Amol Karande

The webinar on “Opportunities & Career Path of IT Engineer” was organized on Monday, 04th July 2020 for the students of information Technology and Computer engineering department at 03.00pm through Google meet platform. This webinar helped students to get knowledge of upcoming domains and career paths. Speaker delivered a brief knowledge about the usage, techniques. By giving real time examples and stories, the speaker had captured the attention of all participants throughout the session. Total 84 students and 2 faculties attended the webinar. Dr. J.E Nalawade, Head of Information Technology Department, ended the session with a vote of thanks.



What was the world

Upto 2020

Where we should march

What should be our approach

Area of job opportunity

(50)



Amol Karande (You)



ZigWig Zigwig



ZigWig Zigwig



Nikhil Raje



Others in the meeting (46)



aditi mhatre



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**

**REPORT  
ON  
Webinar on “Ethical Hacking & Cyber Security”**

<b>Date &amp; Time</b>	11th July, 2020
<b>Platform</b>	Zoom Meeting
<b>Resource Person</b>	Mr. Rizwan Shaikh
<b>Coordinator</b>	Ms. Babita Bhagat & Ms. Srijita Bhattacharjee
<b>Department</b>	Computer Engineering

In this Pandemic situation, Pillai’s HOC College of Engineering, Department of Computer Engineering has organized various Webinars for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-2020, Ms. Babita Bhagat & Ms. Srijita Bhattacharjee have organized a Webinar on “Ethical Hacking & Cyber Security” on 11th July, 2020. Webinar was conducted by Mr. Rizwan Shaikh. Ms. Saraswati has introduced the speaker that he has 11 years of experience in the areas of Ethical Hacking, Cyber Security, Information Security. He is Renowned Ethical Hacker & Founder and CTO @ PRISTINE INFOSOLUTION. 125 students & faculty have attended this event.

**Mahatma Education Society's  
Pillai HOC College of Engineering & Technology, Rasayani  
Department of Computer Engineering**

**Report  
for  
“LaTeX”**

**Academic Year 2019-20**

As per the culture of Pillai’s HOC College of Engineering, Department of Computer Engineering organizes various technical workshops for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-20, we have organized a workshop on "LaTeX" on 19<sup>th</sup> July 2019 for BE students so that they can prepare project report.

Workshop on "LaTeX" was conducted by Mr. Jayesh Rane , he has 8 years of experience in in Department of Electronics & Tele communication at PHCET, Rasayani.



Workshop on "LaTeX" on 19<sup>th</sup> July 2019

Mahatma Education Society's

## **Pillai HOC College of Engineering & Technology, Rasayani**

Department of Computer Engineering

### **REPORT ON**

### **Webinar on “Microsoft Azure Cloud Technology”**

<b>Date &amp; Time</b>	8th August, 2020
<b>Platform</b>	Zoom Meeting
<b>Resource Person</b>	Mr. Srinivas Kongara
<b>Coordinator</b>	Ms. Babita Bhagat & Ms. Srijita Bhattacharjee
<b>Department</b>	Computer Engineering

In this Pandemic situation, Pillai’s HOC College of Engineering, Department of Computer Engineering has organized various webinars for aspirants assembling with various interests in the field with a very high competitive spirit to participants and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2019-2020, Ms. Babita Bhagat & Ms. Srijita Bhattacharjee have organized a Webinar on “Microsoft Azure Cloud Technology” on 8th August, 2020. Webinar was conducted by Mr. Srinivas Kongara. Ms. Neetu Pillai has introduced the speaker that he has 16 years of experience in the areas of cloud technologies, programming languages, Data access technologies and many more. He worked as an Advanced App. Engineering- Associate Manager at Accenture Pvt Ltd. 100 students & faculty have attended this event.



Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Computer Engineering**

**REPORT**

**ON**

**Android Application & Development**

**Academic Year 2019-20**

As per the culture of Pillai's HOC College of Engineering, Department of Computer Engineering organizes various Technical Workshops for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes.

For the preceding academic year 2019-20, we have organized a two days workshop on "Android Application & Development" on 28<sup>th</sup> & 29<sup>th</sup> November 2019. This workshop was conducted by Mr. Nikhil Pawar; He has 5+ Years experienced in Android and Web Development and also Experienced Chief Executive Officer with a demonstrated history of working in the information technology and services industry Named "Mindscript". He also skilled in SQL, PHP and Data Structures.

Basically Android Application Development refers to the process of making application software for handheld devices such as mobile phones and Personal Digital Assistants. Through the usage of mobile apps, the user is provided with various features that will enable him to fulfill all his needs and much more.

The workshop covered some following basic and Advance topic based on "Android Application & Development":

Module 1: Introduction of Android Studio

Module 2: User Interface - XML

Module 3: Event Handling - Java Coding

Module 4: Intent

Module 5: Runtime permission

Module 6: Location

Module 7: SQLite

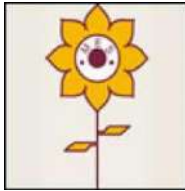
Two days hands on workshop on “**Android Application & Development**”,  
28<sup>th</sup> & 29<sup>th</sup> November 2019











*Pillai*

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PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY, RASAYANI**

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**Topic: "PLC and its Scope in Industries"**

Date: 29<sup>th</sup> April , 2020

Platform - Zoom App

Co-coordinator: Prof. Pranita Chavan

**Schedule :**

<b>Time</b>	<b>Programme</b>
11:00 am to 11:15 am	Inauguration
11:15 am to 12:45 pm	Lecture
12:45 pm to 01:00 pm	Vote of Thanks

**Speaker Profile:**

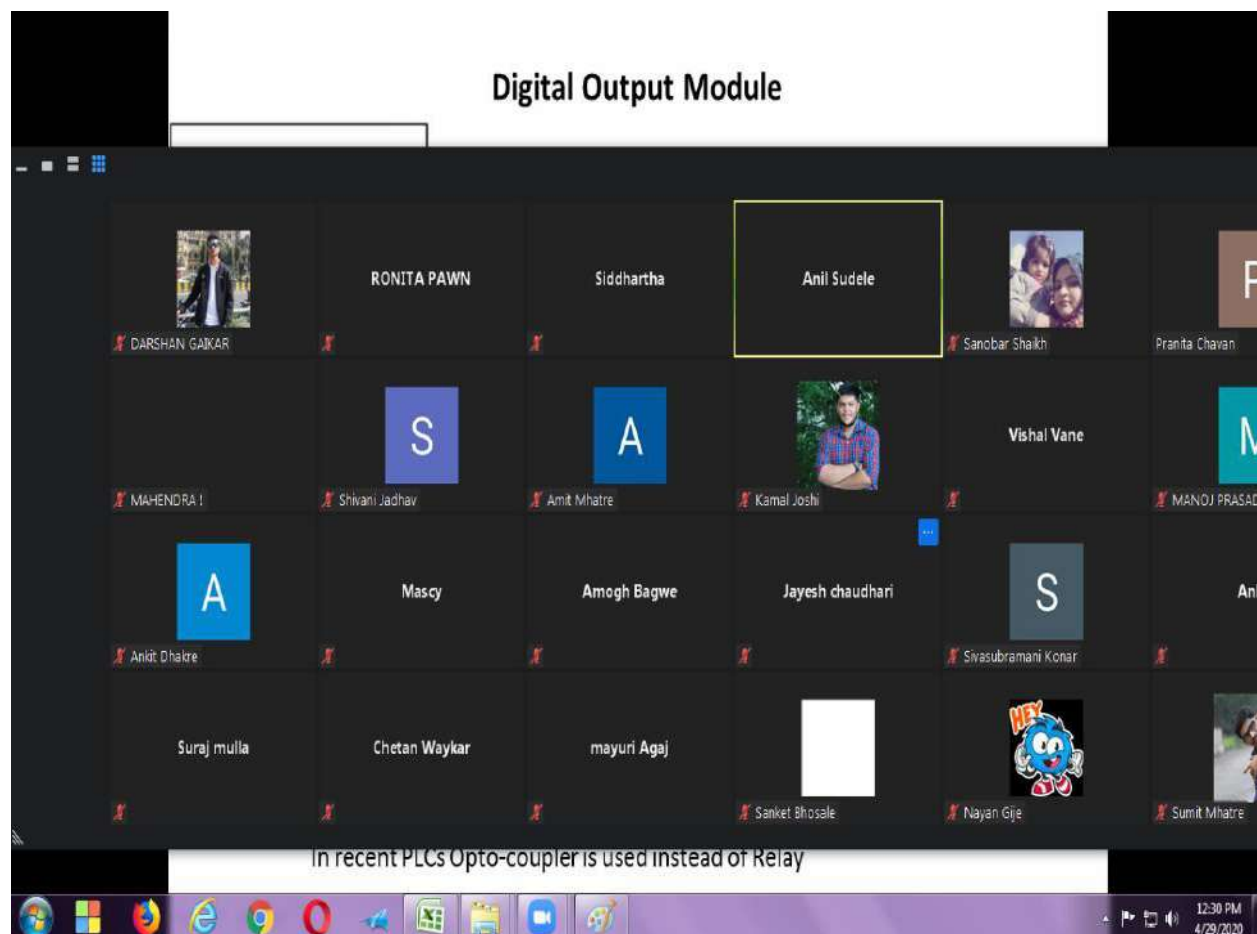


**Mr. Anil Kumar Sudele**, Senior Project Engineer at 'Control and Automation System' ,Pune possess Master's degree in Electrical engineering from Mumbai university and has published various papers in national and international journals. Sir has more than 08 years of experience in programmable logic designing, automation, SCADA, VFD and HMI. Sir has also worked on various projects in various industries and is expertise in the field of advanced automation. Prof. Aamir Shaikh introduced the Speaker and Session started.

## Expert Talk:

The guest speaker took over the session with introductory focus on Logic gates and relays. The aim of this event is to provide a basic understanding of PLC programming. The session started with the basic essential topics. Key concepts of PLC were covered. Logixpro simulation software were explained on Zoom App for hands on session.

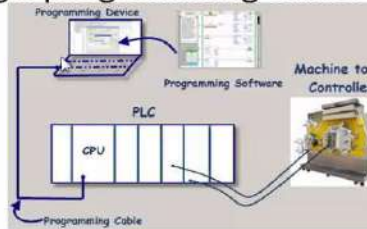
Sir introduced to timers and counters. A demo of Micrologix 1400 was given. An interactive session where the students were asked to solve some practical problems was also included. Students responded quickly to the speaker and one of the students Siddhartha Nag was appreciated for his quick and accurate response. The session ended with a vote of thanks to the speaker.



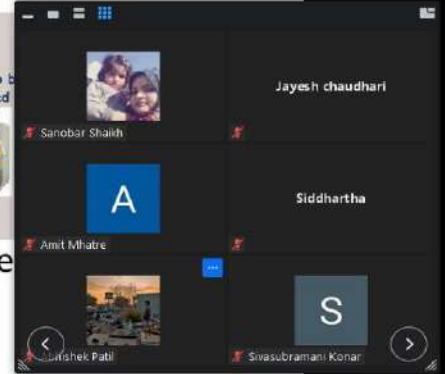
Attendance of Students on Zoom

## vii. Communication Circuit

- PLC is connected to PC that contains the programming software using a programming cable.



- Once communication link is established, data can be transferred from
  - i. PC to PLC (Downloading)
  - ii. PLC to PC (Uploading)
  - iii. Also status of DI, DO & values of AI, AO, Memory like bit, byte, Int, Dint, Real etc can be observed and modified through PC



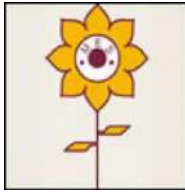
Presentation by Expert

11:03 Close Participants (44) Search

	AAMIR Shaikh (me)			>
	Anil Sudele (host)			>
	Alpesh Jagade			>
	Pranita Chavan			>
	Sanobar Shaikh			>
	Shweta Hajare			>
	Vishal Vane			>
	Abhishek Patil			>
	Amit Mhatre			>
	Amogh Bagwe			>
	Ankit			>

Chats Invite

Vote of Thanks



*Pillai*

**MAHATMA EDUCATION SOCIETY  
PILLAI HOC COLLEGE OF  
ENGINEERING & TECHNOLOGY, RASAYANI**

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**Topic: "An Overview of Electric Vehicle Technology"**

Date: 08<sup>th</sup> May, 2020

Platform - Zoom App

Co-coordinator: Prof. Pranita Chavan

**Schedule :**

<b>Time</b>	<b>Programme</b>
11:00 am to 11:15 am	Inauguration
11:15 am to 12:45 pm	Lecture
12:45 pm to 01:00 pm	Vote of Thanks

**Speaker Profile:**



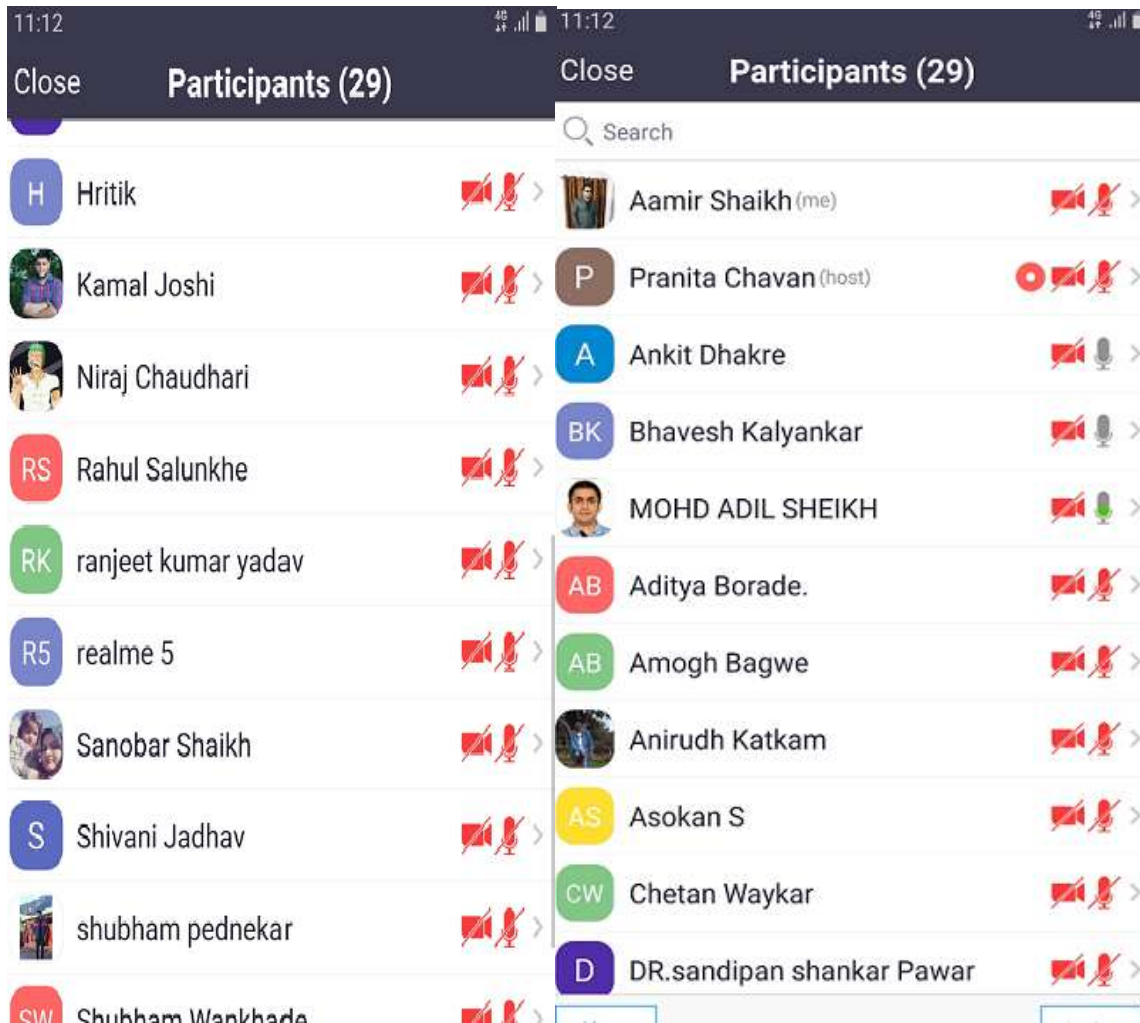
**Mr. Adil Sheikh**, Visiting Research Scholar at Smart Grid Research Unit, Chulalongkorn University, Bangkok Thailand and Research Scholar at VJTI, Mumbai. Sir has 07 years of teaching and research experience with publication of more than 30 papers in various reputed journals and at various conferences of Australia, Italy, Spain and Parague. Sir is expert in the field of Electric Vehicle Technology. Prof. Aamir Shaikh introduced the Speaker and Session started.



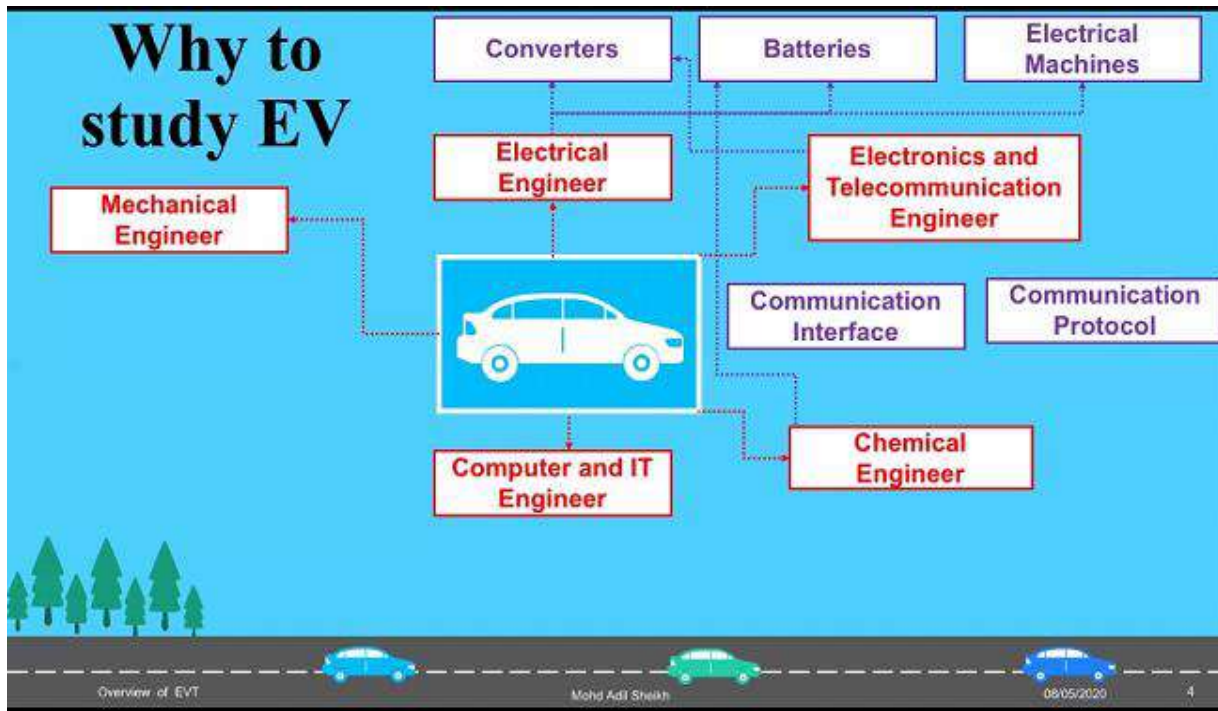
## Expert Talk:

The guest speaker took over the session with introduction of renewable energy resources and its importance. The session started with the basic essential topics. Key concepts of drive train technology was explained in brief. Sir bisected electric vehicle in various engineering field explaining computer , mechanical, electrical and electronics knowledge.

Sir explained drive train topologies and fuel efficiency analysis with DC and AC machines for propulsion. Energy management strategies and energy efficiency plays important role in designing and modeling of drive trains. Various applications such as climate control and hybrid train was discussed. Students responded quickly to the speaker and one of the students Vinay Patil was appreciated for his quick and accurate response. The session ended with a vote of thanks to the speaker.



Attendance of Students recorded on Zoom App



Explanation by Expert during Session

# THANK YOU

**Mohd Adil Sheikh**  
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 Visiting Research Scholar, Chulalongkorn University,  
 Bangkok, Thailand.  
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 Mobile No- +91 96643 10604



Google Scholar  
Link



LinkedIn  
Profile



Facebook  
Profile

Vote of Thanks and Session concluded

Mahatma Education Society's  
**Pillai HOC College of Engineering & Technology, Rasayani**  
**Department of Electronics & Telecommunication Engineering**  
Report on  
**Faculty Development Program on Electronic System Design , Modeling & Simulation**

Department of Electronics & Telecommunication Engineering , PHCET , Rasayani organized 3 days Faculty Development Program on “**Electronic System Design , Modeling & Simulation**” from 8<sup>th</sup> June - 10<sup>th</sup> June 2020. The FDP was organized in Association with Entuple Technologies Pvt. Ltd. , Pune and IETE , Navi Mumbai. 135 faculty members from various engineering colleges across Maharashtra registered for the program. FDP mainly aimed at electronic design and software tools used for the same . FDP started with opening remarks of Dr. Mansi Subhedar , Hod, PHCET , Rasayani followed by introduction of the session speaker Dr. Sudhakar Mande , by Ms. Rekha Dhawan , FDP coordinator.

Dr. Sudhakar Mande is currently working as Professor and IQAC coordinator at Don Bosco Institute of Technolgy, Mumbai. His areas Embedded system design , VLSI technology, Nanoscale device and system design. He delivered session on Overview of VLSI technology. He started with the basics of VLSI and also explained design process. The session was very informative and everyone gained knowledge from it. The vote of thanks was given by Mr. Pratik Mhatre , FDP , coordinator.

The second session was conducted by Mr. Zarrar Khan , Assistant Professor at Kalsekar College of Engineering , Panvel. His area of interest includes VLSI design and different softwares . He demonstrated Microwind software used for VLSI design. He explained it with few examples by implementing it on Microwind platform . All participants appreciated his session.

Second day started with introduction of the speaker Mr. Avinash Keshav who is working as Sr. Application Engineer at Entuple Technologies Pvt. Ltd Pune. Entuple Technologies provide solution to different sectors such as Aerospace and Defence , Academia , Automotive , Industrial Equipment and rotating measurement. At Entuple Mr. Avinash Keshav supports Cadence tool which is EDA tool in industries. He explained Cadence based Semi-custom Design flow and Cadence based Full-custom Design flow used in VLSI design. He showed various options available for design in Cadence.

Third day started with introduction of the speaker Mr. Kamlesh Kumar who is working as Sr. Application Engineer at Entuple Technologies Pvt. Ltd Pune. Entuple Technologies provide solution to different sectors such as Aerospace and Defence , Academia , Automotive , Industrial Equipment and rotating measurement. At Entuple Mr. Kamlesh Kumar supports is also involved in technical support for OrCAD P-Spice, PCB and MITS Prototyping solutions for R & D, Corporate, Commercial and Academic market. He explained Electronic Devices and Circuit Simulation using OrCAD tool and PCB design using OrCAD PCB flow. He showed various options available for design in OrCAD and also how it is useful in academic institutions .

The FDP was concluded with vote of thanks to all the participants , Session speakers and Management , Mahatma Education Society.





Mahatma Education Society's  
Pillai HOC College of Engineering and Technology, Rasayani  
Department of Automobile Engineering

**Report on Seminar**

**on**

**“Electric Bikes”**

**Date : 10th March,2019**

**Title of the Workshop: “Electric Bikes”**

**Organized by:** Department of Automobile Engineering, Pillai HOC College of Engineering & Technology, Rasayani

Category : Seminar

Name of the Faculty Coordinator : Mr. Vaibhav bhagat

Venue: Mechanical dept. seminar hall,3<sup>rd</sup> Floor PHCET

Date : 10<sup>rd</sup> March 2019

Time: 10:00 am to 11.30 pm

Target Audience – Students, faculties of Automobile and mechanical Branches

No. Of Audience: 45

Speaker :

**Mr. Nagendra Singh**

**Perpetual Gravity Lab Pvt. Ltd. Vashi**

**Objective:**

The goal of workshop is to spread awareness about Electric vehicles. Also, the speaker has manufacturing plant of electric vehicles, so students can get opportunity to work in this field and can take projects under him.

Some pictures:



Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

Department of Automobile Engineering

<b>Title of Seminar</b>	<b>Workshop on Design &amp; Analysis of Chassis</b>
<b>Theme</b>	Developing the knowledge in Designing and Fabrication of Go-Kart
<b>Schedule</b>	Date: 12 April 2019 Time: 9.30 AM to 4.00 PM Venue: Conclave Hall(3rd Floor) and Solid Works LAB(3rd Floor, Engg)
<b>Target Audience</b>	SE,TE,BE mechanical and automobile engineering Students
<b>Speaker Profile</b>	Expert: Mr. Gaurav Hadavle Founder and CEO of Performance Motorworks, Pune Entrepreneur, Captain and Rider of Team SPEED DEMONS

Automobile and Mechanical Engineering students of Team STARKERS in association with “PERFORMANCE MOTORWORKS” and “Mechanical & Automobile Departments” organized a 3 day workshop on “GO-KART DESIGN AND MANUFACTURING”.

The guest lecture was preceded by a short talk by Prof. Anish S. and Prof. Prabhu Ganacharya. Workshop was conducted by Mr. Gaurav Hadavale, Founder of PERFORMANCE MOTORWORKS (PMW). Before starting the Design and manufacturing of Go-kart, he divided the session into four introductory parameters:

1. Introduction of Go-kart and Cost analysis
2. Transmission System
3. Design and analysis using Solid Works, Ansys Software

In the first part of session Mr. Hadavale discussed about static parts of go-kart and how each and every component works, time span and costing.

Then he explained Engine working and fundamentals:

Chassis: Fundamentals of chassis design, Chassis materials, Light metals for chassis, Tolerance in designing, Bending strength calculation, Manufacturing Technique for Chassis Body Works and Custom parts, Safety Equipment and consideration.

Braking system: Brake performance parameters, Braking efficiency, Weigh load transfer,

Steering system: Steering dynamics, Four wheel steering mechanism, Turning radius calculations, Ackerman principle.

The last day of workshop conducted in Solid Works Lab(3rd floor). In this session Mr. Hadavale explained CAD software basic tools, Chassis designing and stress analysis of each component, Extrude feature, basic part modeling, sprocket, Go-kart wheel hub, Disc brake, Steering assembly. After the sir's session, students designed their own innovative chassis in solid work software and analysed in Ansys software.

The event ended with honorarium to the guests and vote of thanks.









Mahatma Education Society's  
Pillai HOC College of Engineering and Technology, Rasayani  
Department of Automobile Engineering

### **Guest Lecture**

We at PHCET conduct various expert lectures and invited talk for student. These lectures are conducted to address the gap that exists between industry curriculum and industry need. Students are exposed to advance level of knowledge by attending it. Guest speakers exposed students to real world life experience. Students get to see the inside and perspective of the guest speaker's particular field. It gives them to opportunities to learn them something new. It makes an impact on our students. Invited talk and expert lectures are conducted during each semester to boost the technical knowledge of the students for which are there in current semester and of difficult type. Some of the activities held in the department are listed as follows:

SOLIDWORKS—a leading 3D solid modeling software—boasts a vast array of tools that can help you build better designs and spot errors that you might ordinarily miss. In this course, get acquainted with some of the more advanced manufacturing verification and simulation tools that are available in SOLIDWORKS, and discover how you can leverage them to efficiently review your assemblies and parts for errors. Instructor Gabriel Corbett walks through a variety of time-saving tools that can help you save money and time on your projects, including Interference Detection, Clearance Verification, Hole Alignment, Costing, Part Reviewer, and part and assembly Performance Evaluation. As he goes step-by-step through each tool, Gabriel shares real world examples that help to provide context for each feature.

<b>Title of Seminar</b>	Advanced Tools in Solid Works
<b>Theme</b>	Industry oriented Workshop for betterment of student and to create interest in Solid Works
<b>Schedule</b>	Date: 01/09/2018 Time: 9.00 AM to 4.00 PM Venue: Seminar Hall 3rd Floor
<b>Target Audience</b>	TE Automobile Students
<b>Speaker Profile</b>	Name: Prof. Binsu Babu Designation: Assistant Professor in Mechanical Engineering -- Pillai College of Engineering. Industrial Experience of 4 years in Solid Works And 3 years in Teaching.

Advanced Tools: 1. Sweep and Loft: SWEEP is the one feature in Solid works that helps sweep a closed profile along a closed or open path. In a **Loft**, Profiles are the primary influence of the shape. Guide curves are used to shape the outside of feature between profiles. **Loft feature** also contains a centreline parameter which is meant to provide a direction for the centre locations of the profiles.

<b>Title of Seminar</b>	Entrepreneurship Skill Development among Students
<b>Theme</b>	AESA-MESA Organised Guest Lecture



Mahatma Education Society's  
Pillai HOC College of Engineering and Technology, Rasayani  
Department of Automobile Engineering



<b>Schedule</b>	Date: 29/09/2018 Time: 11.00 AM to 1.00 PM Venue: Seminar Hall 3rd Floor Architecture Building
<b>Target Audience</b>	All Automobile and Mechanical Students
<b>Speaker Profile</b>	Name: Dr. Ajit Panicker Designation: CEO and Partner of NOVA Group of Companies, India.

### Entrepreneurship Development:

Entrepreneurship development is the process of improving the skills and knowledge of entrepreneurs through various training and classroom programs. The whole point of entrepreneurship development is to increase the number of entrepreneurs. By doing this, the pace at which new businesses or ventures are made gets better. On a wider level, this makes room for employment and improves the economy of a business or country. The steps below will explain how to create an effective entrepreneurship development program and how to go about enhancing it.

### How to be an Entrepreneur:

**1. Make Sure Entrepreneurship Is What You Really Want** If you are thinking of starting a business because you lost your job and are having trouble finding a new one, then think about doing a better job search. Hire a career coach or get some training. Starting a business is much harder than getting a job, so it's worth the extra effort to look for employment in a better way, if that's your true preference. Also, think about whether you have what it takes to start a business in these terms: No one will tell you what to do (except your customers). You have to be self-motivated, willing to make many sacrifices, and be able to last for the long term while your business goes from startup to maturity.

### 2. Decide What Kind of Business You Want

Franchise or independent? Service or manufacturing? Brick-and-mortar retail or online? Consumer or business-to-business? There are dozens of different types of businesses, each with its own benefits and drawbacks. Like to work with the public? A retail store might be right for you, but you will face the tradeoff of having a lot of overhead (rent and utilities for example). Want to keep your business small with low overhead, and sell your expertise? Being a consultant might suit you, but there are only 24 hours in a day and that could limit your income.

### 3. Research Your Idea

The most important thing to remember if you are considering starting a business is this: It's not a race. People who rush get penalized in the marketplace much more severely than people who take their time. You may hear the words "first-mover advantage" -- the idea that you get

a big head start by being out with a product before anyone else. But that idea is overblown, especially for small businesses. Emerge too soon and you could squander precious resources.

It's far better to methodically, diligently research your idea. Is anyone else doing it? What's the competition like? Do consumers and businesses have viable substitutes if they don't choose your product? Does your product really solve a pesky problem? Is the demand going to be great enough in the future, not just for a year or two? Once you're completely convinced you have the virtual better mousetrap, then you can proceed.

#### **4. Write a Business Plan**

With the dozens of business-plan-in-a-box resources available online, there is no longer an excuse not to write (not think, *write*) a business plan before you launch your business. Why write a plan even if you are the only person who works in the business? Because it forces you to answer critical questions that you must not ignore if you want to have a strong chance of success. It doesn't have to be long. Make it a single page if you don't have the patience to do more. But it should answer these questions:

- What is the purpose of the business?
- Who are my customers?
- What problem does my product/service solve?
- Who is my competition and why is my product/service's advantage?
- How will I price, position, market and support my product?
- What are my financial projections for the business for the next 3-5 years?

#### **5. Choose a Business Structure**

According to small business CPA Michael Hanley, "The foundation for tax planning begins even before your first day of business operations. Of all the decisions a business owner will make, very few will have as great an impact as entity selection.

Deciding whether to become a Sole Proprietorship, a Partnership, a traditional Corporation, an S-Corporation, or a Limited Liability Company (LLC) will have a long-lasting effect on the future tax implications of your business. You can learn about the benefits and tradeoffs of each plan in a number of places and there are excellent, brief books on the subject, too.

#### **6. Assemble Your Team**

While your team consists mainly of employees, think more broadly. You will need trusted advisors including an attorney, a tax accountant, an insurance advisor/agent. You may want to consider hiring a Virtual Assistant who's experienced in startups to handle the administrative tasks that come with launching a business.

#### **7. Handle the Paperwork**

Along with starting a business come a variety of paperwork requirements that can't be overlooked, including:

- Filing for applicable licenses and registrations from your state's government. Get guidance from your state's Office of Taxation website on which forms you will need to complete.
- If you form a minority or women-owned business, you may qualify for special government programs that can provide startup capital.
- Purchase appropriate business insurance before you begin operations.



Inauguration of Guest Lecture and welcome speech by Prof. Pravin Dahalke



Felicitation of Guest Mr. Ajit Panicker sir By HOD. Dr. G. V. Patil sir and Senior Prof. Dr. M. D. Nadar sir





Mr. Ajit Panicker sir Guiding Students on Entrepreneurship Development



Faculty and students attending the guest lecture

<b>Title of Seminar</b>	Workshop on Metallography for Industry
<b>Theme</b>	MESA-AESA Organised One day workshop
<b>Schedule</b>	Date: 05/10/2018 Time: 11.00 AM to 1.00 PM Venue: Conclave 1 3rd Floor
<b>Target Audience</b>	All Mechanical and Automobile Students
<b>Speaker Profile</b>	Name: Dr. R. C. Prasad  Designation: Professor in Mechanical Engineering, PHCET, Rasayani.  30+ Years Experience in Teaching Research and Industry. Senior Faculty and Head of Materials Research Centre, PHCET

Department of Automobile Engineering

#### Abstract of Talk:

Prof. Dr. R. C. Prasad initiated his talk with basics of fracture. He explained the various mechanisms of crack and crack propagation that leads to fracture. The deterministic analysis to understand failure and root causes was presented. He delivered importance of metallography in failure analysis. In afternoon session, he explained microstructural characterization, mechanical testing and fracture surface topography with the help of few case studies.

**METALLOGRAPHY:** Metallography is the study of the structure of metals and of metal alloys through the examination of specimens with a metallurgical microscope. The structures observed in the microscope are often recorded photographically. The metallographic study of an archaeological artifact involves the removal of a small sample of metal from the artifact and the subsequent microscopic examination of the sample. Types of information about an artifact obtainable through metallography 1. the fundamental processes by which the object was manufactured, e.g. cast in a mould or worked to shape; cast and subsequently worked; soldered or welded together; cast solid or hollow, etc.; 2. the temperatures to which the metal may have been subjected during or after manufacture (including casting and annealing temperatures; tempering and quenching ranges); 3. the presence and nature of surface decoration and coatings and the existence of joins, e.g. gilding or silvering; inlays; soldering or welding; 4. an idea of the composition of an alloy, e.g. the % of carbon present in steel, or the % of tin present in a tin bronze; 5. the type and extent of internal and external corrosion.

Engineering Institutes are facing challenges to meet the rising expectations of stake holders. The challenge today is to prepare work ready technical personnel by offering quality technical education at UG level. The way forward for non-autonomous institutes is to provide

training and learning materials that covers the gap between syllabus prescribed by universities and graduates attributes required by industries. This training is step in this direction to prepare students who meet the career challenges & opportunities through special features related to their course.

Metals & Alloys are widely used for a variety of industrial applications. This training workshop will provide an outstanding opportunity to the students pursuing diploma / degree in engineering & professionals working in Production & Quality assurance in industries to develop skill and sound understanding of micro-structural characterization & their applications to find the root cause of failure of industrial components.



Dr. R C Prasad Sir Guiding Students



Felicitation of Guest by Polytechnic Principal Prof. Amar Mange sir





Prof. Prabhu Ganacharya addressing Students on Materials

Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

Department of Automobile Engineering

Title of Seminar	Go-Kart Design and Manufacturing
Theme	Developing the knowledge in Designing and Fabrication of Go-Kart
Schedule	Date: 19th to 21st October, 2018 Time: 9.30 a.m. to 4.00 p.m. Venue: Conclave Hall (3rd Floor) and Solid Works Lab (3rd Floor, Engg.)
Target Audience	S.E., T.E., B.E. Automobile Students
Speaker Profile	Name: Mr. Gaurav Hadavle Founder and CEO of Performance Motorworks, Pune Entrepreneur, Captain and Rider of Team SPEED DEMONS
Automobile and Mechanical Engineering students of Team STARKERS in association with "Performance MotorWorks" and "Mechanical and Automobile Departments" organized a Three Day Workshop on "Go-Kart Design and Manufacturing".	







The guest lecture was preceded by a short talk by Prof. Anish S. and Prof. Prabhu Ganacharya. Workshop was conducted by Mr. Gaurav Hadavale, Founder of Performance

MotorWorks (PMW). Before starting the Design and manufacturing of Go-kart, he divided the session into four introductory parameters:

1. Introduction of Go-kart and Cost analysis
2. Transmission System
3. Design and analysis using Solid Works, Ansys Software

In the first part of session Mr. Hadavale discussed about static parts of go-kart and how each and every component works, time span and costing.

**Then he explained Engine working and fundamentals:**

**Chassis:** Fundamentals of chassis design, Chassis materials, Light metals for chassis, Tolerance in designing, Bending strength calculation, Manufacturing Technique for Chassis Body Works and Custom parts, Safety Equipment and consideration.

**Braking System:** Brake performance parameters, Braking efficiency, Weigh load transfer./p>

**Steering System:** Steering dynamics, Four wheel steering mechanism, Turning radius calculations, Ackerman principle.

The last day of workshop conducted in Solid Works Lab (3rd floor). In this session Mr. Hadavale explained CAD software basic tools, Chassis designing and stress analysis of each component, Extrude feature, basic part modeling, sprocket, Go-kart wheel hub, Disc brake, Steering assembly. After the sir's session, students designed their own innovative chassis in solid work software and analysed in Ansys software.

The event ended with honorarium to the guests and vote of thanks.

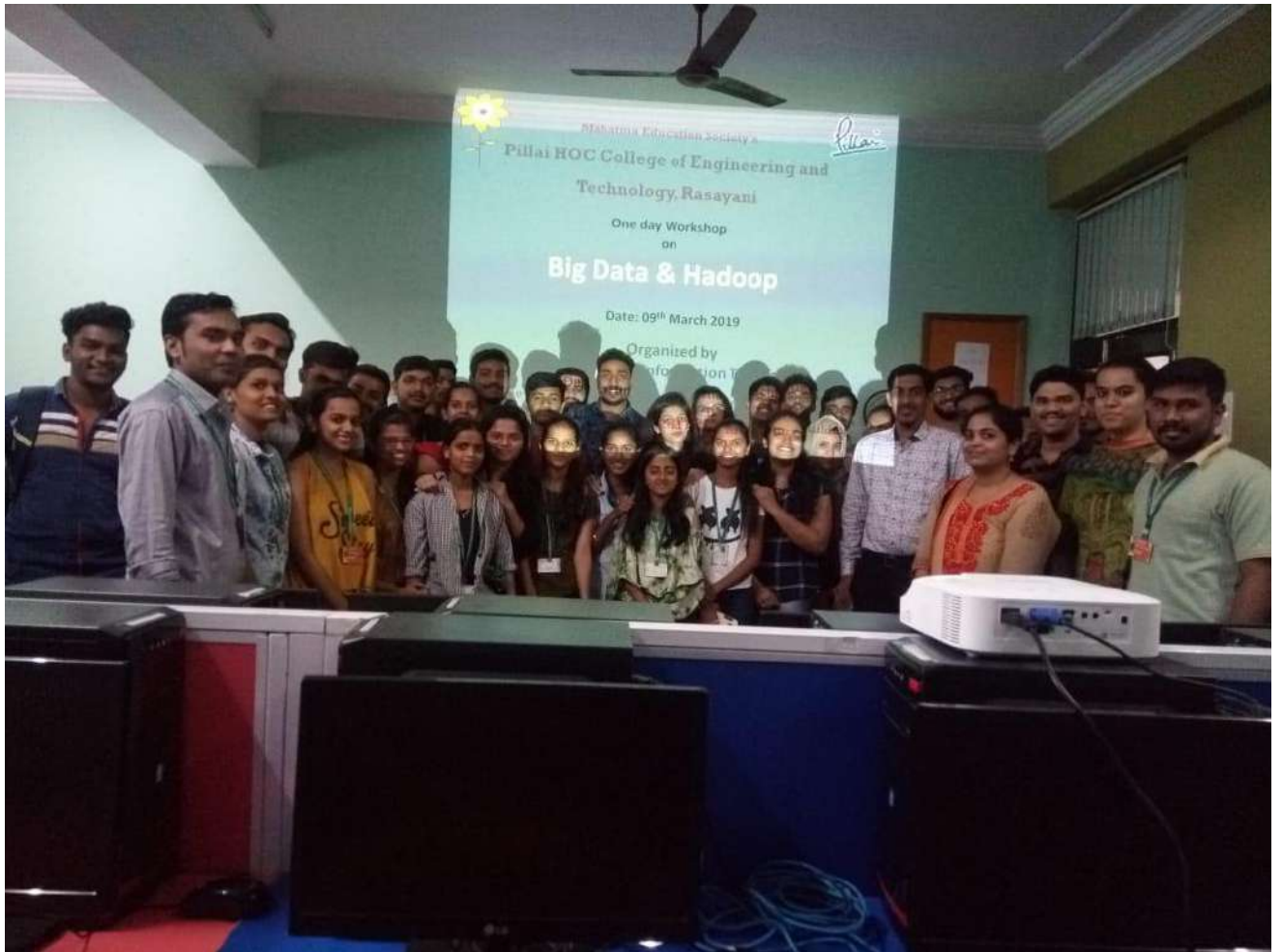
**The IT Department organised a One day Workshop on Big data and Hadoop.**

**Date: 09 March 2019**

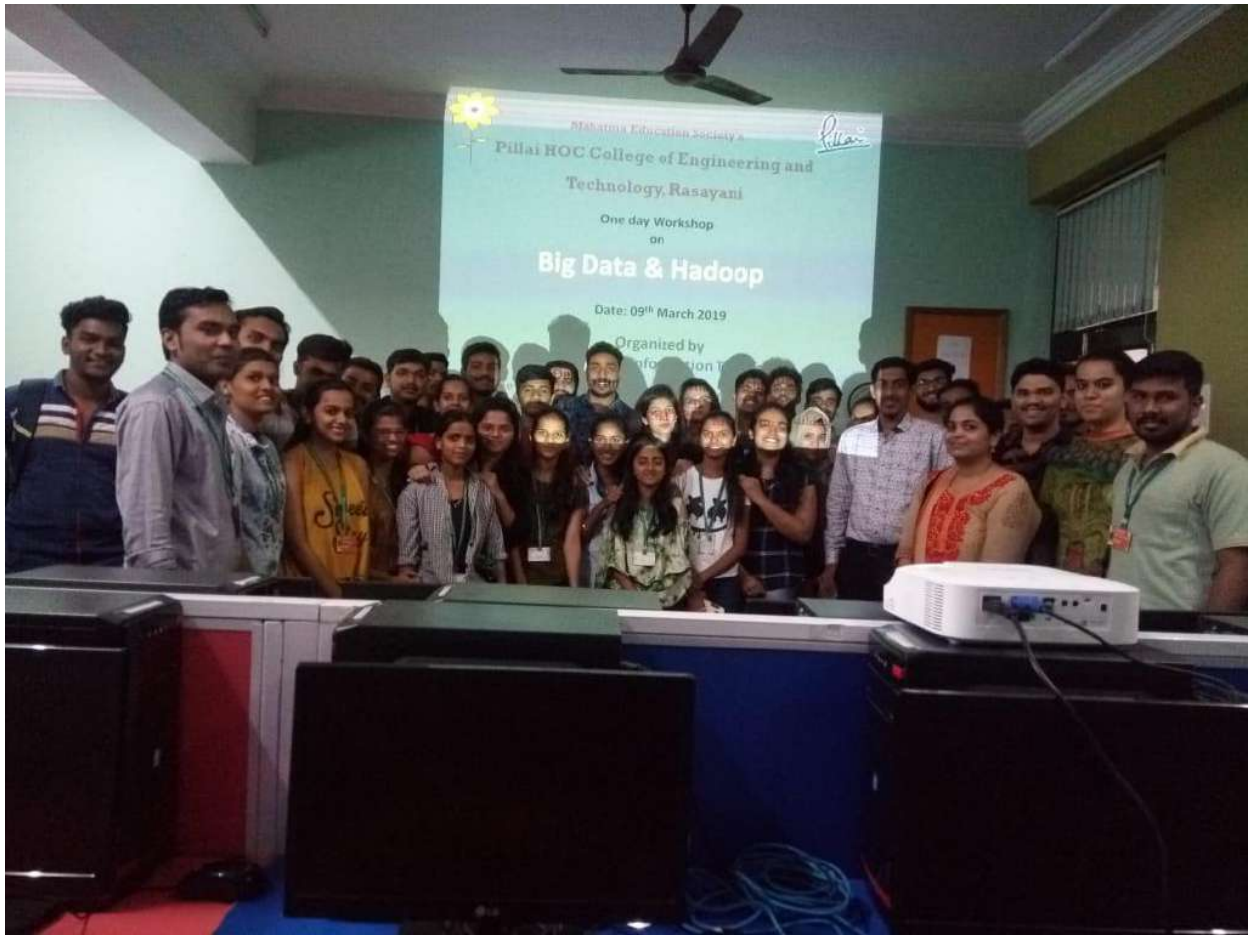
**Speaker: Likhesh Kolhe from Terna Engineering College, Nerul.**

Exponential growth of data in electronic form with its volume, variety, and velocity has brought in "Big Data and Hadoop" as a topic of its own. This explosion challenges the current data mining techniques that are based on structured data. Studies show that over 80% of data is unstructured. If analytics is one challenge, security related aspects in terms of privacy and integrity is yet another challenge. This course aims to throw light on Big Data challenges and techniques that enable analytics.









**Report on**  
**Guest Lecture, Seminar**  
**in**  
**Department of**  
**Mechanical and Automobile**  
**Engineering**  
**PHCET Rasayani**  
**Organised**  
**By**  
**MESA-AESA**  
**2018-19**

One Day Workshop  
on  
**ADVANCED TOOLS**  
**IN**  
**SOLID WORKS**

for  
Students of Third Year  
Mechanical and Automobile  
Engineering

Organised By  
MESA-AESA  
PHCET, Rasayani

2018-19

## **Department of Mechanical and Automobile Engineering**

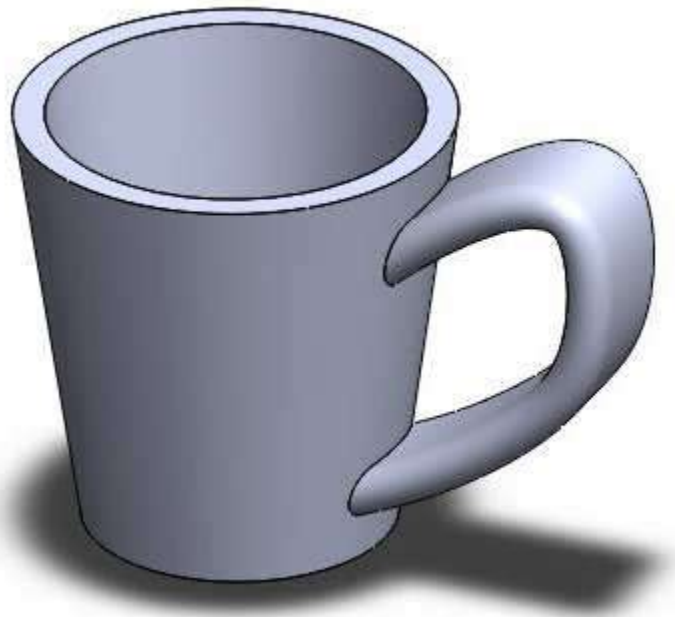
<b>Title of Seminar</b>	Advanced Tools in Solid Works
<b>Theme</b>	Industry oriented Workshop for betterment of student and to create interest in Solid Works
<b>Schedule</b>	Date: 01/09/2018 Time: 9.00 AM to 4.00 PM Venue: Seminar Hall 3rd Floor
<b>Target Audience</b>	TE Mechanical and Automobile Students
<b>Speaker Profile</b>	Name: Prof. Binsu Babu Designation: Assistant Professor in Mechanical Engineering -- Pillai College of Engineering. Industrial Experience of 4 years in Solid Works And 3 years in Teaching.



## Abstract of Talk:

SOLIDWORKS—a leading 3D solid modeling software—boasts a vast array of tools that can help you build better designs and spot errors that you might ordinarily miss. In this course, get acquainted with some of the more advanced manufacturing verification and simulation tools that are available in SOLIDWORKS, and discover how you can leverage them to efficiently review your assemblies and parts for errors. Instructor Gabriel Corbett walks through a variety of time-saving tools that can help you save money and time on your projects, including Interference Detection, Clearance Verification, Hole Alignment, Costing, Part Reviewer, and part and assembly Performance Evaluation. As he goes step-by-step through each tool, Gabriel shares real world examples that help to provide context for each feature.

Advanced Tools: 1. Sweep and Loft: SWEEP is the one feature in Solid works that helps sweep a closed profile along a closed or open path. In a **Loft**, Profiles are the primary influence of the shape. Guide curves are used to shape the outside of feature between profiles. **Loft feature** also contains a centreline parameter which is meant to provide a direction for the centre locations of the profiles.

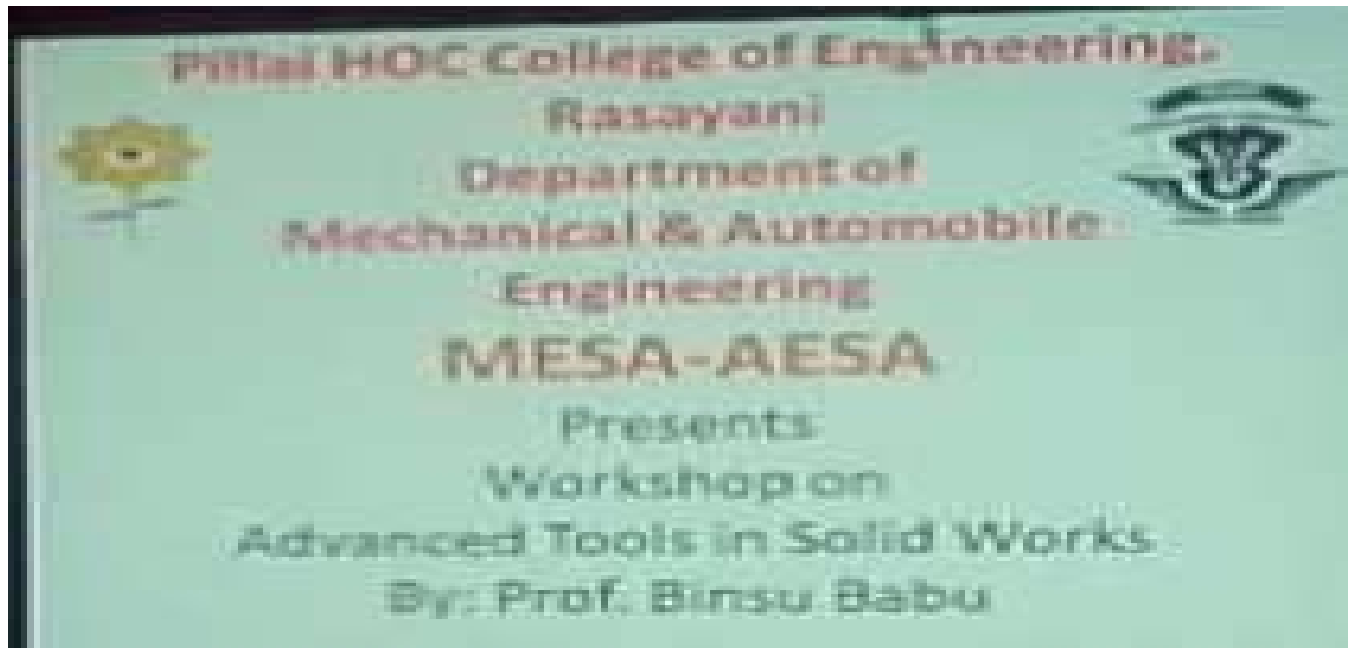


Example of sweep tool

2. Boundry Boss: The **SOLIDWORKS** Boundary Boss Base tool is an often overlooked, but very useful tool found on the features toolbar. It's very similar to the lofted boss base tool and it's possible to create pretty much the same geometry (with subtle differences) with both.

3. Surfacing in solid works: **SOLIDWORKS**<sup>®</sup> 2017 removes obstacles to creating complex 3D geometry with powerful new **surfacing** features that save time and avoid complex workarounds. New features let you: Create geometry on any **surfaces**, with improved wrap features. ... Offset 3D Curve on a **surface**, and offset edges or complete faces.

**Seminar photos:**

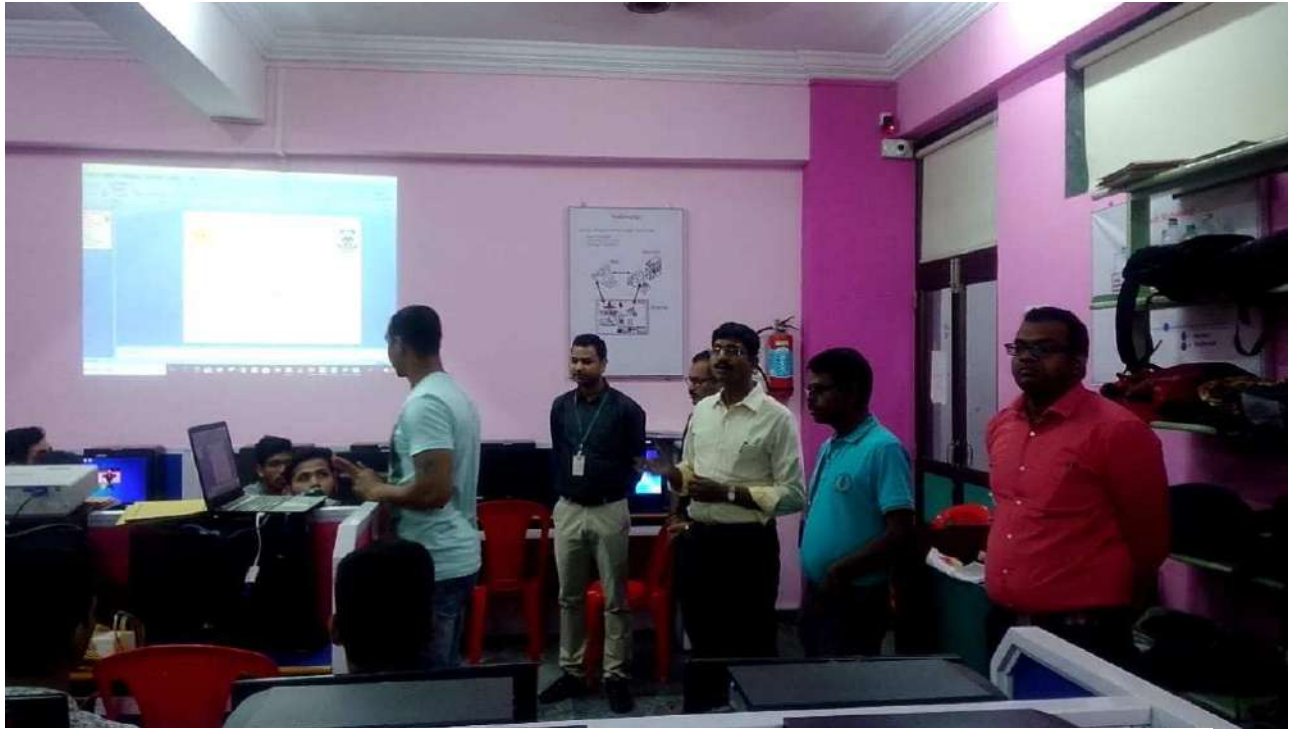












Thanks giving and Conclusion of workshop

Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Workshop on “Web Development Using Angular 5”**

As per the culture of Pillai HOC College of Engineering, Department of Computer Engineering organizes various technical Workshops for aspirants assembling with various interest in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2018-19, we have organized an workshop on “Web Development using Angular 5” on 28th July, 2018.

**Date** 28th July, 2018

**Department** Computer Engineering

Workshop on “Web Development using Angular 5” was conducted by Mr. Ajinkya Zore, he has four year experience in Tata Consultancy Service [TCS]. He is Oracle Certified Professional Java programmer, now he is working in BPN paribus MFID Global Market Research.

Basically ANGULAR 5 is a java script based on open source front end web application framework mainly maintained by Google.

**The workshop covered some following basic and advance topic based on ANGULAR 5:**

- Basic Knowledge of ANGULAR 5
- Node Module
- Web Page Editing
- ANGULAR CLI
- Dash Board
- Pipes
- Background Color Editing
- Routing



Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Training Programme on “CCNA”**

Pillai HOC College of Engineering and Technology, Rasayani organized Four Days Training Program on Cisco Certified Network Associate under MOU between Telenetworks Pvt. Ltd. and PHCET Ms. Mansi Subhedar is convener for this event every year. Mr. Abhijeet More, Ms. Rupali Sathe, Ms. Supriya S. Shigwan coordinated this event successfully. 80 students altogether from Computer, EXTC, IT and Electrical Engineering departments participated in this workshop. Yogesh Hudale – Founder and Chief Mentor at TeleNetworks Technologies, trained students for four days.

**Date** 13th, 14th, 15th and 16th February, 2019

**Department** Computer Engineering, Electronics and Telecommunication Engineering,  
Information Technology & Electrical Engineering

CCNA is an internationally recognized qualification that provides the students with the opportunity to enter employment in the computer networking field. The syllabus of this workshop covers blue print of CISCO.

The guest speaker took over the session with introductory focus on basics of CCNA. The trainer then started the practical sessions and taught students how to design their own networks, how to connect various devices and showed the demonstrations of real time routers and switches. With the help of videos and visuals, the students learned the basics of routing.

The students were then taught about the area networks and their network fundamentals, how networking works in Industries, how to configure Real-time Routers, Switches and other Networking equipments etc. Information about Cisco Certifications and their importance, Roles and Responsibilities of Network engineers in Companies, Types of Routers, Switches, Firewalls and their usage in the industries etc. was also discussed.





Mahatma Education Society's  
**Pillai HOC College of Engineering and Technology**  
Department of Computer Engineering

**Expert Lecture on “NoSQL”**

In Department of Computer Engineering Expert Lecture on “NoSQL” was conducted on Monday, 11th March, 2019. Mr. Vishwajeet Jadhav, Senior Software Engineer from Apple, Santa Clara, California was speaker for this lecture. He is having 9 years of experience and works in databases.

**Date and Time** Monday, 11th March, 2019 on 12.00 p.m.

**Department** Computer Engineering

**Name of Expert** Mr. Vishwajeet Jadhav, Senior Software Engineer, Apple,  
Santa Clara, California

**Venue** Conclave – I

**Objective** To give insights of NoSql and Apache Cassandra to student

He discussed about NoSQL MongoDB, Apache Cassandra. NoSQL database provides a mechanism for storage and retrieval of data that is modeled in means other than the tabular relations used in relational databases. Apache Cassandra is a free and open-source, distributed, wide column store, NoSQL database management system designed to handle large amounts of data across many commodity servers, providing high availability with no single point of failure. Cassandra offers robust support for clusters spanning multiple data centers.

**The lecture covered following topics:**

- NoSQL
- MongoDB
- Apache Cassandra



Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

**Workshop on "PL/SQL" by Devendra Terse**

As per the culture of Pillai HOC College of Engineering, Department of Computer Engineering organizes various Technical Workshops for aspirants assembling with various interests in the field with a very high competitive spirit to participant and with the strong determination to include their achievements & accomplishments to their resumes. For the preceding academic year 2018-19, we have organized a Workshop on "PL/SQL" on 9th March, 2019. Workshop on "PL/SQL" was conducted by Mr. Devendra Terse. Ms. Ekta Ukey, CSI Coordinator has introduced the trainer that he has 6 years of experience in the areas of Client Interfacing, Development, Reference Data Management and Investment Banking Solutions, automation, Oracle Flexcube Application. He worked as Associate Consultant at Capgemini Pvt. Ltd., Mumbai. Dr. Ashok Kanthe welcomed the guest with the bouquet.

**Date** 9th March, 2019

**Department** Computer Engineering

**Speaker** Mr. Devendra Terse, Consultant, Oracle Financial Services Software, Mumbai

Basically PL/SQL is a procedural language designed specifically to embrace SQL statements within its syntax. PL/SQL program units are compiled by the Oracle Database server and stored inside the database. And at run-time, both PL/SQL and SQL run within the same server process, bringing optimal efficiency.

**The workshop covered some following basic and advance topic based on PL/SQL:**

- SQL
  - Basic Knowledge of SQL
  - Types of SQL commands – Data Definition Language (DDL), Data Manipulation Language (DML), Data Control Language (DCL), Transaction Control Statement (TCS), Session Control Statements (SCS)
  - Oracle Joins, Oracle Constraints, Indexes, View
- PL/SQL:
  - Basic Knowledge of PL/SQL
  - Data Types of PL/SQL – Scalar : Numeric, Character, Boolean, Datetime  
Large Object (LOB) : BFILE, BLOB, CLOB, NCLOB
  - Variable, Loops, Arrays, Procedure, Functions, Exceptions, Cursor, Trigger, Package





Mahatma Education Society's

**Pillai HOC College of Engineering and Technology**

Department of Computer Engineering

**Workshop on "Machine Learning" by Afrid Shaikh**

The Pillai HOC College of Engineering and Technology held a Workshop on "Machine Learning" for T.E. students on Saturday, 16th March, 2019 under ACM Student Chapter.

**Date** 16th March, 2019

**Department** Computer Engineering

**Name of Expert** Mr. Afrid Shaikh, Java Developer, Royal Bank of Canada

The workshop was formally inaugurated by Dr. Ashok Kanthe (Head of Department) of Computer Engineering Department and all other faculty members. The speaker for the day was Mr. Afrid Shaikh, experienced in TCS and currently working as a Jav Developer in Royal Bank of Canada.

The workshop had altogether 2 sessions through which the speaker presented the basics of machine learning. It was a very interactive session where the students asked queries to the speaker who indeed cleared all their doubts. The workshop was very helpful in inculcating a positive attitude towards machine learning among the students. It was seen that the students developed more interest towards it as the session progressed

