To,

Date:16/08/20

The principal

SCOE Kharghar

Navi mumbai 410210

Subject –Permission to conduct Webinar on LTE and 5G Protocol stack testing for BE EXTC students

Respected mam

We are extc dept requesting for arranging webinar on LTE and 5G Protocol stack testing for BE EXTC students In month of august kindly permit us to adjust time schedule and give permission for the same .

Thanking you

Yours faithfully

Prof. Naresh sir and Prof. Nilesh sir

Principal SCOE

CC

HOD EXTC

DEAN EXTC

SARASWATI Education Society's

SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210

Report on

National Level webinar

on

"LTE and 5G Protocol Stack Testing"

Organized by

Saraswati College of Engineering, Kharghar

In association with

Technopark Business Solution Pvt. Ltd. Navi Mumbai

Date: 29th August 2020

Academic year

2020-21

SARASWATI Education Society's
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Kharghar, Navi Mumbai - 410 210.

Name of event:IETE Approved National Level webinar on"LTE and 5G Protocol Stack Testing"

Date: 29th August 2020, 10.45 a.m. to 3.30 p.m.

Name of the Speakers: Mr. Virender Solanki , Mrs. Priyanka, Mr. Samdhan Jadhav and Mr. Sagar from Technopark Business Solution Pvt. Ltd, Navi Mumbai

Name of Convener: Dr. Sheetal Bukkawar (Dean, Admin & Student Welfare)

Name of Coordinator: Prof. Naresh Kumar Joshi & Prof. Nilesh Patil

Mode of Conduction: Online (GoToMeet app)

Number of participants: 108

This webinar was conducted to enhance the knowledge about 5G technology, as well as to make aware all about industry demand for future engineers. Through this webinar, we have provided a platform for industry –institute interaction on current technology scenario. This webinar was attended by teachers and students from all over the India. The below mentioned topics are delivered by industry experts from Technopark Business Solution Pvt. Ltd, Navi Mumbai.

Topics of webinar:

- Road Map of 2G,3G,4G and 5G
- Technology Comparison.
- What is Need of Advance Communication?
- What is SCFDMA, OFDMA
- What are QAM technologies.
- Lte Architecture.
- What is 5G and Its advantages Over 4G.
- 5G New use case
- Qxdma, Wireshark Tool introduction.

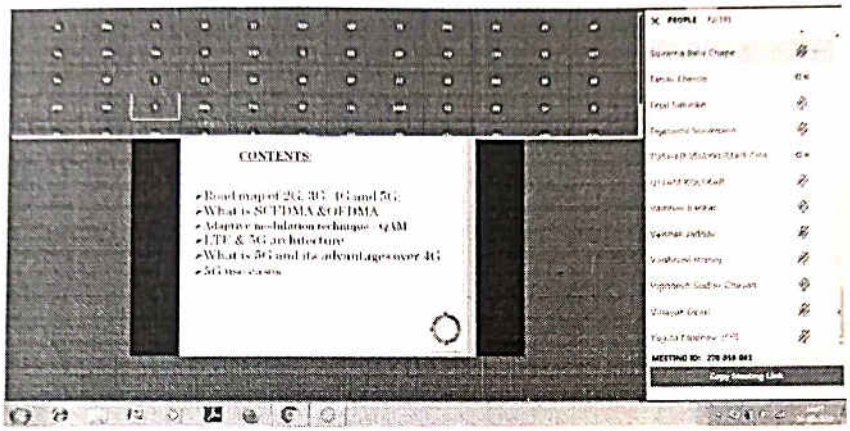
The experts explained details of 5G ie. Fifth generation of cellular technology. They explained that It is designed to increase speed, reduce latency, and improve

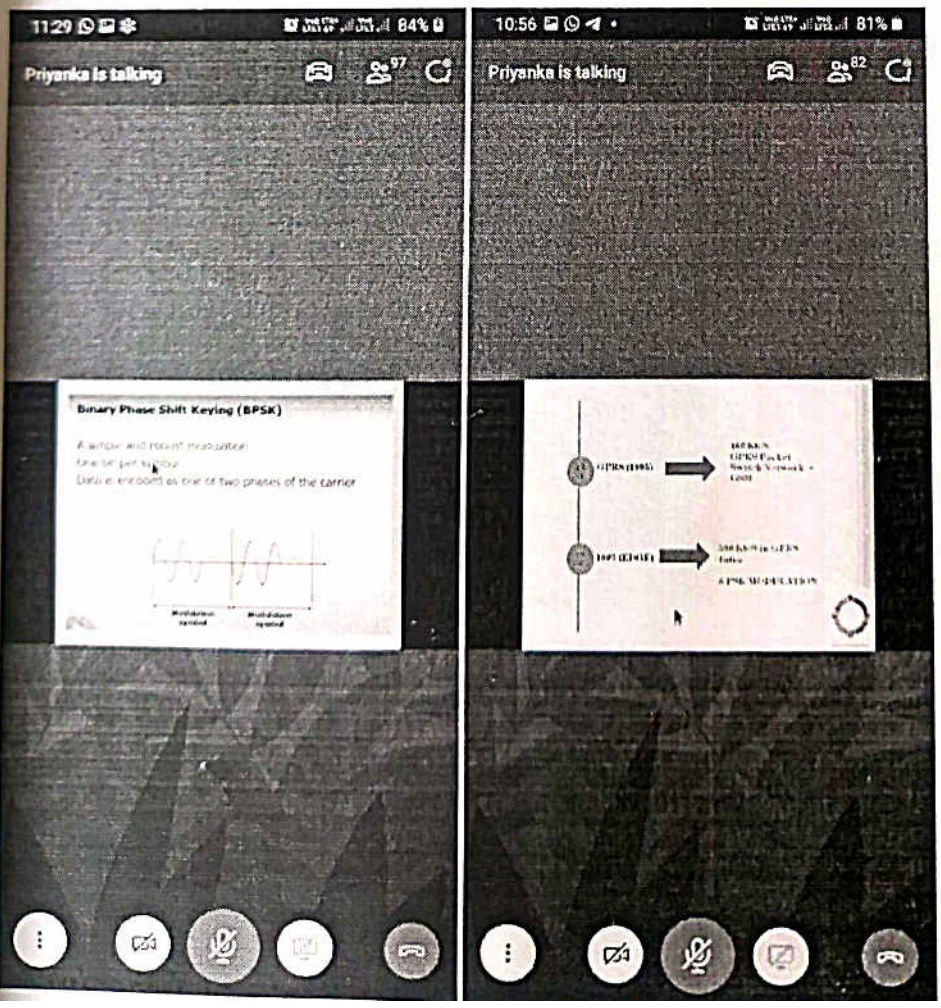
flexibility of wireless services. 5G technology has a theoretical peak speed of 20 Gbps, while the peak speed of 4G is only 1 Gbps.

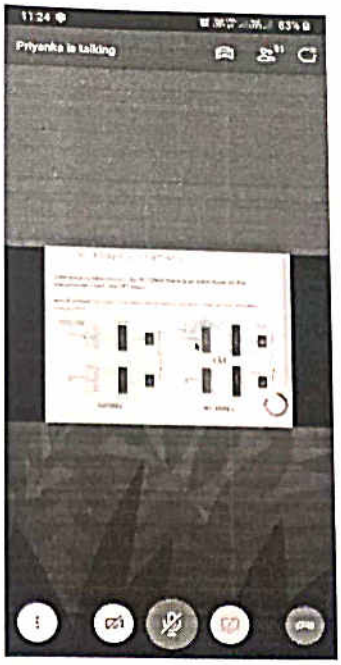
5G also promises lower latency, which can improve the performance of business applications as well as other digital experiences (such as online gaming, videoconferencing, and self-driving cars).

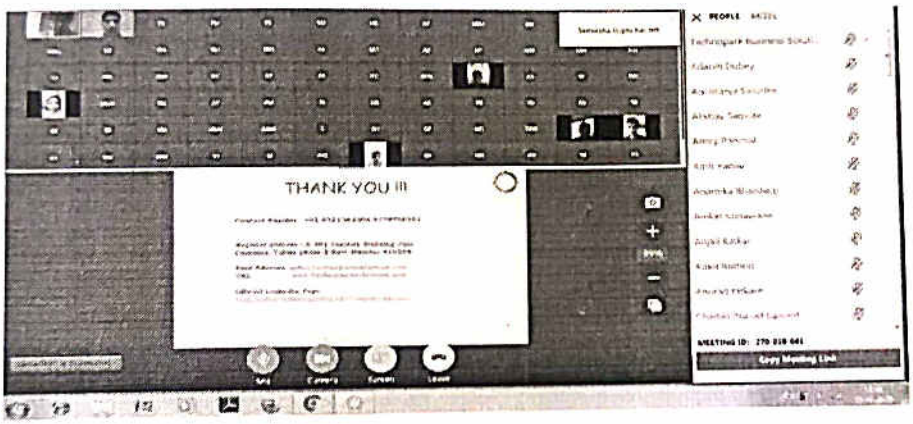
While earlier generations of cellular technology (such as 4G LTE, 3G and 2G) focused on ensuring connectivity, 5G takes connectivity to the next level by delivering connected experiences from the cloud to clients. 5G networks are virtualized and software-driven, and they exploit cloud technologies.

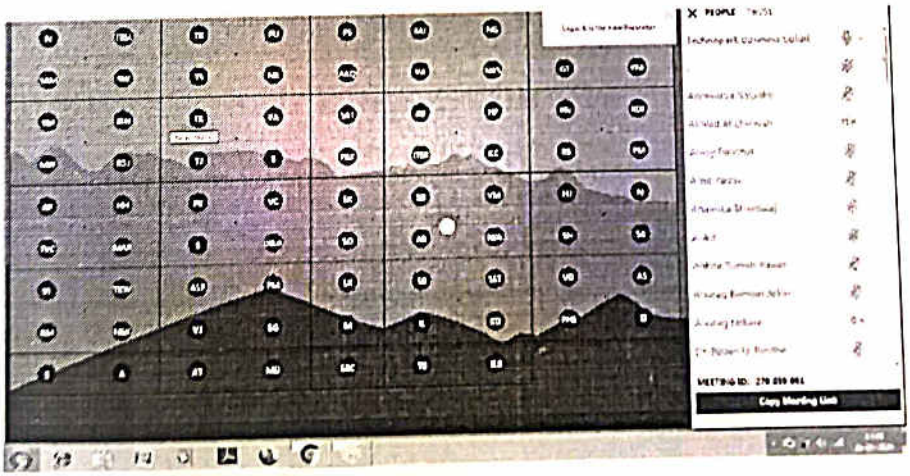
EVENT PICTURES :











Coordinators
Prof. Naresh Kumar Joshi
Prof. Nilesh Patil

Convener
Dr. Sheetal Bukkawar

Principal ,SCOE
Dr. Manjusha Deshmukh

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

STUDENT LIST 5 LTG WS ON 29 Aug 2020.

SN	Name	Present	F/B
1	ASWARE SIDDHARTH ULHAS	p	3
2	ATUL LAKSHMANAN AJITTHA	p	3
3	AUTI SAURABH SHANKAR	p	3
4	BARATAM SHEETAL	p	3
5	BHAGWAT SAKSHI MADHUKAR	p	4
6	BHAPKAR PRACHI VISHWAS	p	4
7	BHOI SANCHITA SANDESH	p	4
8	BHUJAWADKAR MANALI MOHAN	p	4
9	BHUSHAN RATNESHWAR GITA	p	4
10	BIRADAR BHAGWAT PRAKASH	p	5
11	BIRRU MITESH SRINIVAS	p	5
12	CHAVAN CHETAN VASANT	p	5
13	DESHPANDE ABHIJEET PRAMOD	p	5
14	DESHPANDE REVATI SATISH	p	5
15	DUBEY SAGAR SUNIL	p	5
16	FARANDE RUTUJA DILIP	p	5
17	GADHAVE AKSHAY ASHOK	p	5
18	GAIKWAD SAYALI SHASHIKANT	p	5
19	GHARAT MRUNALI SURENDRA	p	5
20	GUPTA SHUBHAM ARUN	p	5
21	HALANKAR SUNETRA AJAY	p	5
22	HALDER SANKHDEEKP TUSHAR	p	5

23	HAWARE PAYAL PRASAD	p	3
24	JAGADE SWAPNAJA PRAVIN	p	3
25	JAGTAP RUSHIKESH SANJAY	p	3
26	KAMBLE PRIYANKA BHIMRAO	p	3
27	KAMBLE SAYLI BAPURAO	p	3
28	KHAN RAHIL ZAKIR HUSSAIN NASRIN	p	4
29	KODGULE SIDDHI PRAVEEN	p	4
30	LOKE VISHAKHA CHANDRASHEKHAR	p	4
31	MANKAR SHREYA JALINDAR	p	4
32	MHATRE AKSHAY BALARAM	p	4
33	MHATRE RAHUL UMESH	p	4
34	NAIK MRUNAL MILIND	p	4
35	NALAWADE POOJA MAHADEO	p	4
36	NAR PRAFUL MADHUKAR	p	4
37	PARAB JAY HEMANT	p	4
38	PARAB PARAG SAKHARAM	p	4
39	PARAB SANKET SADASHIV	p	4
40	PATEL PRIYA AMBALAL	p	4
41	PATIL OMKAR SANJAY	p	4
42	PATIL SHWETA SANJAY	p	4
43	PATIL SURAJ UTTAM	p	4
44	PAWASE KISHOR SOMNATH	p	4
45	PAWASKAR SAURABH MANOHAR	p	4
46	PILLAI RAJESHKANNA MARIAPPAN	p	4
47	PILLAI SATHISHKUMAR PANDI	p	4
48	RAI NAMRATA RAJESH	p	4
49	RANDIVE TUSHAR UTTRESHWAR	p	4
50	RAUT MADHAV PRAMOD	p	4
51	SAHARE AASHULI AJAY	p	4

52	SALUNKE AISHWARYA SURESH	p	4
53	SALVI PRANIT DEVENDRA	p	4
54	SAWANT MAYURI ANIL	p	5
55	SAWANT VENKATESH AVINASH	p	5
56	SHINDE SATISH JAGANNATH	p	5
57	SINGH ANSULKUMAR ARVINDKUMAR	p	5
58	SINGH ROSHNI VIDYASAGAR	p	5
59	SINHA PRERNA RAMKUMAR	p	5
60	SONAWANE ANIKET ANIL	p	5
61	SONAWANE ANKITA BHIMRAO	p	5
62	SONAWANE TEJASWINI SUNIL	p	4
63	SURYAVANSHI ROHIT RAJENDRA	p	4
64	TADAS PRANAY RAJENDRA	p	4
65	TEMBE HRUSHIKESH RAJESH	p	4
66	TIWATANE SHRUTIKA ANIL	p	4
67	WAKALE SANCHANA RATNAKAR	p	4
68	YADAV BIPIN SAMSHER	p	4
69	YADAV DIPESH RAJESH KUMAR	p	4
70	YADAV LALAN AMRENDRA	p	4
71	ZAVARE NIKHIL NILESH	p	4
72	GAIKWAD PRADNYA	p	4
73	BHOITE HARSHWARDHAN	p	4
74	BHOIR TANUJA	p	4
75	DUSANE SEJAL	p	4
76	KATKAR ANJALI	p	4
77	NIJAMPUKAR BHAKTI	p	4
78	PANDEY ANKITA	p	4
79	JOHARE KAMLESH	p	4
80	DIVYA MANICKAVASGAM	p	4

81	GADDAM VIKAS	p	5
82	SOLANKI DHARMESH	p	5
83	GITE MADHURA	p	5
84	PATIL PIYUSH PRADIP	p	5
85	KUMBHAR AKSHAY RAJENDRA	p	4
86	TIRLOTKAR GANESH	p	4
87	MUDAYE HRISHIKESH	p	4
88	INDULKAR SAHIL	p	4

COORDINATOR

HOD EXTC

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ACADEMIC YEAR 2020-21

DEPARMENT OF INFORMATION TECHNOLOGY

Date: 10/11/2020

NOTICE

All Non-Teaching staff is informed that IT department is conducting two days training on "Excel" on 17th and 18th Nov 2020.

Mrs. Vrushali Thakur

Coordinator

Ms. Diksha Kumar

HoD (IT)

Date: 16.11.2020

To,

The Principal,

Saraswati College of Engineering,

Kharghar, Navi Mumbai.

Subject: Permission Letter for conducting Excel Training.

Respected Mam,

Information Technology Department would like to ask permission for Excel Training to all scoe non teaching staff. We do believe that this training enables our non teaching staff to learn practically and in a better way to understand excel.

Hoping for your kind support mam.

Thanking You,

Yours sincerely,

Mrs. Vrushali Thakur

Co-ordinator.

Permitted

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Report On – Excel Training

Date: 20.11.2020

Organizing Department: Information Technology Department

Date: 17th and 18th November 2020

Number of Participants: Day 1: Attendant : 23

Day 2: Clerk and Lab Assistant : 20

Speaker: Mrs. Vrushali Thakur

Objective:

- To recognize the difference between a formula and a constant.
- Indicate the names and functions of the Excel interface components.
- Enter and edit data.
- Format data and cells.
- To feel comfortable inserting and deleting new rows and columns.
- To develop formulas to simplify calculations.
- Construct formulas, including the use of built-in functions, and relative and absolute references.
- Create and modify charts
- Preview and print work sheets

Output:

Staff can start use of excel more efficiently and effectively in clerical work.

COURSE CONTENTS

- Basic of Excel
- Data filtering and sorting
- PivotTable to highlight important figures
- VLookup and Lookup functions
- Show and hide details
- All graphs

Mrs. Vrushali Thakur
Co-Ordinator

Mrs. Diksha Gautan Kumar
HOD - IT

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Trainee Attendance Sheet

Title of The Training -	Date:-
Duration:-	Venue:-

Sl. No.	Name	Designation	Department	Signature
24.	Mahadik Vrushali	lab Assistant	FE	
25.	Vinod D. Patil	Tech. Assistant	Scse.	
26.	Shalan Suryavanshi	Clerk ~~Exam Dept~~	Exam Dept	
27.	Charushila Deshmukh	Clerk	Student sec. Dept	
28.	Anita Patil	Clerk	Auto Dept	
29.	Ashok Sasang.	Lab Assistant	Mechanical	
30	Pradip Yadav	Lab Assistant	COMPUTER	
31.	Madan Yadav	clerk	Student section	
32.	Nagesh Patil	Attendant	IT	
33.	Akshay Mahind.	Skill Asst.	IT	
34.	Vidyasagar Ingerayle.	Lab Asst.	Computer	
35	Abhijeet Suryavanshi	Clerk	Student sec.	
36.	Abhijit Yadav	Attendant	Computer	
37	Sachin Barsode	Attendant	IT	
38	Surekha Pol	Attendant	Establishment	
39.	Savita Pawar	Clerk	Establishment	
40.	Varsha Salunkhe	clerk	Extc	
41.	Shubhangi Gadge	clerk	IT	
42.	Sagar Yadav.	Clerk	Store	

Signature & Date

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Trainee Attendance Sheet

Title of The Training - Excel Training.	Date:- 17 & 18 Nov 2020
Duration:-	Venue:- Webtech lab

Sl. No.	Name	Designation	Department	Signature
1.	Pradya P. Shinde	Lab Assistant	I.T. Dept	[signature]
2.	Sujata Y. Ghadage	Clerk	AIML & DS	[signature]
3	Shital Pol	Attendant	IT Dept	[signature]
4	Kalpana Lokare	Attendent	AIML & DS	[signature]
5	Shital J. More	Lab Assistant	Civil	[signature]
6	Vaishali R. Desai	Lab Assistant	Civil	[signature]
7)	Vijay Ghadage	clerk	OPRC	[signature]
8)	Rahul Desai	clerk	Stu. sec	[signature]
9)	Ashok Sarang	Instructor	mech	[signature]
10	Ashok Waghmare	Clerk	Mech	[signature]
11)	Sagar Chandane	Instructor	mech	[signature]
12)	Jaypal Anamala pawar	Attendent	civil	[signature]
13	Y.T Ghadage	Sr. Clerk	Exam	[signature]
14	D.B. Jadhav	Ast Phy. Inst	Sports	[signature]
15	Krishna Suryadevi	Sr-clerk	IT	[signature]
16)	Dattatray B. Pawar	Attandent	Exam	[signature]
17	Akash A. Gikwade	Attandent	Library	[signature]
18.	Ramdas A. Yadav	Clerk	Comp	[signature]
19	Pramod Ingole	Exec	Lab Assistant	[signature]
20	Somnath Yadav.	Auto	Att.	[signature]
21	Sunil N. Patil	Skill Asst	Exam	[signature]
22	Rahul D. Kadam	clerk	Exam	[signature]
23	Ganesh S. Mali	Lab Assistant		[signature]

[signature]

Signature & Date

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Date: 21/1/2021

Department of Mechanical Engineering

Notice

This to inform that Department of Mechanical Engineering is organising a 5 days Faculty development program on **"Application of Artificial Intelligence in Mechanical Engineering".**

Venue: Computer centre

Date: 14/06/2021 to 18/06/2021

For registration, kindly fill the form.

https://forms.gle/qkbvaWgmTPRupahD7

In case of any queries related to the FDP. Kindly contact Prof Paramjit Thakur (Mobile: 9930580782)

Faculty Coordinator
Prof. Paramjit Thakur

HOD
Department of Mechanical Engineering

Saraswati College of Enigineering

Faculty Development Program

Department of Mechanical Engineering

Application of Artificial Intelligence in Mechanical Engineering

Date:14th June to 18th June 2021

Application of Artificial Intelligence in Mechanical Engineering

Content

Chapter 1 : Introduction

Introduction to AI and Data Science

AI and Data Science in Mechanical Engineer.

Companies Recruiting Mechanical Engineer for AI and Data Science

Competative exams / Indian Institutes for AI & Data Engineering

Chapter 2 : Case Studies in Mechanical Engineering

Application of AI for Data Prediction Condition Monitoring

Classification Problems

Chapter 3 : In Hand Practice

Basic Regression plots (Calculation by students)

Working of ANN (Artificial Neural Network) with Hand Calculation

Prediction of data by ANN and Regression using MATLAB Software

Case Stdy in CNC Machining (Practice by students)

Chapter 4 : Industry 4.0

Case study (Farming)

Case study (Manufacturing)

Contact Details:

Prof. Paramjit Thakur
(Pursuing PhD, Research area : AI/Data Engg in Mech)
(Contact: 9930580782)

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Department of Mechanical Engineering

Report of Faculty Development Program

Topic: "Application of Artificial Intelligence in Mechanical Engineering"

Speaker Name: Prof. Paramjit Thakur

Venue: Computer Centre, (First Floor).

Date: 14/6/2021 to 18/6/2021

Time: 2:00 PM to 4:00 PM

No. of Participants: 12

Artificial Intelligence and Machine Learning seems to be the current buzzword as everyone seems to be getting into this subject. Artificial Intelligence seems to have a role in all fields of science and technology. Recognizing these needs a five-day FDP was organised by department of mechanical Engineering which covered major highlights and some in hand practise at beginner level.

The session started with major application of AI and Data science in the field of Mechanical, Production and Industrial engineering. The complete session was broken in four chapters namely introduction, case studies in Mechanical Engineering, in hand practise and finally technical know how on industry 4.0.

Around 12 faculties attended the FDP. The inhand practice consisted of regression plots, ANOVA, etc. Also, Case studies included the application of AI in data prediction and condition monitoring.

Faculty Coordinator
Prof. Paramjit Thakur

HOD
Department of Mechanical Engineering

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Department of Mechanical Engineering

Attendance

"Application Of artificial Intelligence in Mechanical Engineering"

Sr No	Registered Faculty	14/6/21	15/6/21	16/6/21	17/6/21	18/6/21
1	Pramod Maurya					
2	Sreejith Srinivasan					
3	Nalini Deepthi					
4	Nidhi Singh					
5	Sandeep Jadhav					
6	Amruta Patil					
7	Amol Bhagat					
8	Nilesh Chanonawar					
9	Sunil Sopnur					
10	Sunil Jankar					
11	Mugdha Dongre					
12	Pramod Deshmukh					

Faculty Coordinator
Prof. Paramjit Thakur

HOD
Department of Mechanical Engineering

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Notice

Date: 25/01/2021

All the teaching staff members are hereby informed that Saraswati College of Engineering has organized for a **Faculty Development training** on 29th of January 2021.

The duration of the training is 11:00am to 1:00 PM. The venus of the training is Seminar Hall, Second Floor, SCOE.

All the teaching staff members are hereby instructed to attend this training.

Dr. Manjusha Deshmukh
Principal

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Kharghar, Navi Mumbai - 410 210.

Academic Year 2020-21

TRAINING REPORT

Faculty Development Program on Professional Ethics for Teachers

Date: 29.01.2021

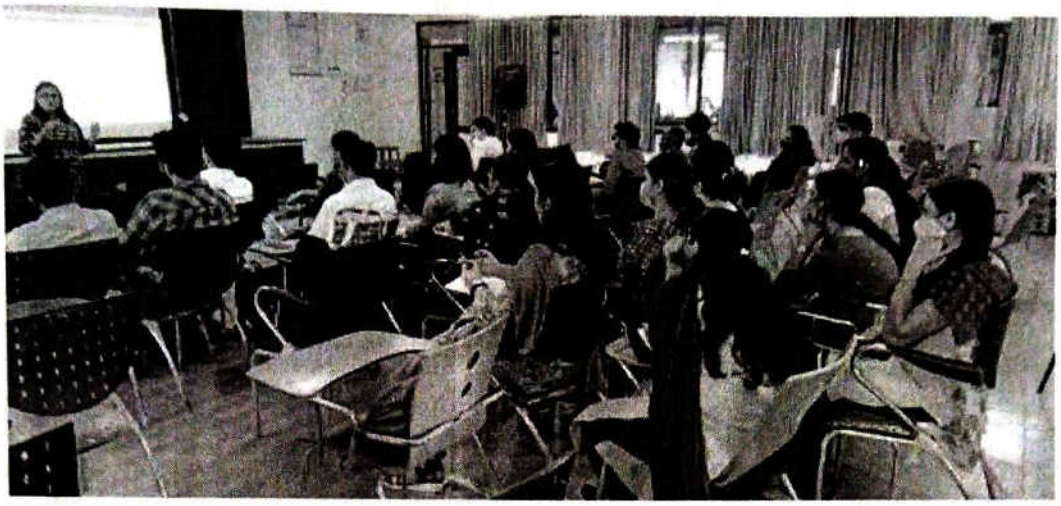
Venue: Second Floor. Seminar Hall.

Attendees: **Teaching Staff of SCOE**

Speaker: Prof. Sima Singh

The training program was arranged for the Teaching Staff of SCOE. The Program was attended by approx 22 staff members.

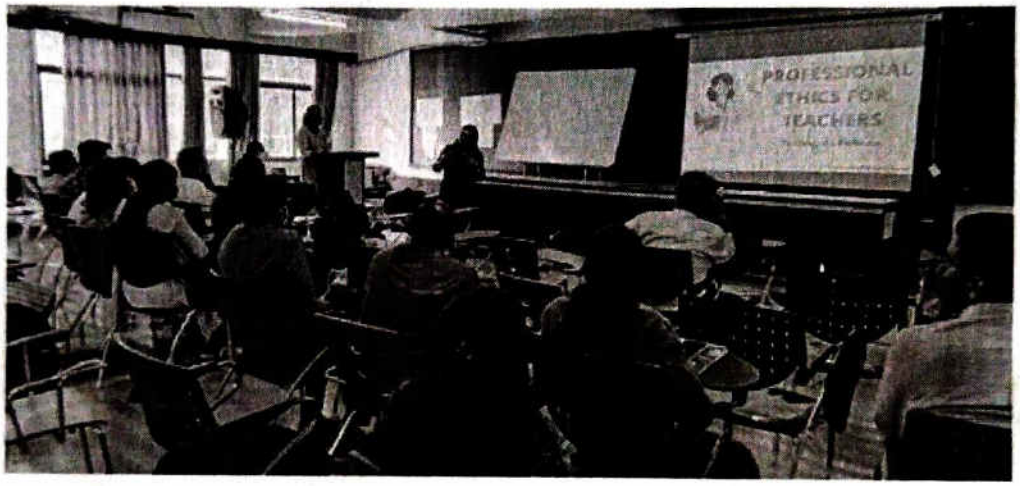
Course Objective: The main objective of Teachers Training was to develop a skill to stimulate experience in the taught, under an artificially created environment, less with material resources and more by the creation of an emotional atmosphere. The teacher should develop a capacity to do, observe, infer and to generalize. The motive of the training was the teachers' development of the ability to take care of themselves in adjustment with the physical conditions, healthy adjustment with the social environment, to understand the student psychology so that the teacher is able to appreciate the difficulties experienced by students and to know the causes of individual differences as a result of which they will be able to develop the ability to be a child with children, an adult with the adults, a responsible citizen among the community.



Course Content & Course Outcome

Each teacher, upon entering the teaching profession, assumes a number of obligations, one of which is to adhere to a set of principles which defines professional conduct. These principles are reflected in the following code of ethics, which sets forth to the education profession and the public it serves standards of professional conduct and procedures for implementation. The code establishes principles for ethical best practice, mindfulness, self-reflection and decision-making, setting the groundwork for self-regulation and self-accountability. The course contents are Knowing and upholding the procedures, policies, laws and regulations relevant to professional practice regardless of personal views; Holding oneself responsible for ethical conduct; Monitoring and maintaining sound mental, physical, and emotional health necessary to perform duties and services of any professional assignment; and taking appropriate measures when personal or health-related issues may interfere with work-related duties; Refraining from professional or personal activity that may lead to reducing one's effectiveness within the school community;Avoiding the use of one's position for personal gain and avoiding the appearance of impropriety; Taking responsibility and credit only for work actually performed or produced, and acknowledging the work and contributions made by others. A teacher fulfills the obligation to address and attempt to resolve ethical issues by: Confronting and taking reasonable steps to resolve conflicts between the Code and the implicit or explicit demands of a person or organization; Maintaining fidelity to the Code by taking proactive steps when

having reason to believe that another educator may be approaching or involved in an ethically compromising situation; Neither discriminating nor retaliating against a person on the basis of having made an ethical complaint; Neither filing nor encouraging frivolous ethical complaints solely to harm or retaliate. Cooperating fully during ethics investigations and proceedings.



The session was actively attended by the teaching staff and they enjoyed the session.The training program was concluded by vote of thanks delivered by Prof. Sima Singh who thanked the teaching staff for attending the session.

Prof. Sima Singh.

Faculty (Soft Skills)

Dr. Manjusha Deshmukh

Principal

Duration:-	Venue:-

Sl. No.	Name	Designation	Department	Signature
1.	Dhiraj D. Patil	Assist. Professor	Mechanical	Patil
2.	Amruta P. Patil	Assi. Prof.	Mechanical	
3.	Khapre S. P.	Assist. Professor	Automobile	
4.	Ashwini Ghade	Asst. Prof	IT	
5.	Vaibhav Dhage	Asst. Prof.	CSE (AIML)	
6.	Shaikh Tarannum	Teaching Asst.	Civil	
7.	Mitrakshi B. Patil	Asst. Prof.	CSE (DS)	
8.	Sneha B. Gavale	Asst. Prof.	CSE (AIML)	Gavalese.
9.	Diksha A. Bomble	Teaching Asst.	CSE (DS)	
10.	Dr. Anjali Dadhich	Asst. Professor.	CSE	
11.	Dr. Ritu Jain	Professor.	CSE	
12.	Neha Mahajan	Asst. Prof.	Computer.	Neha.
13.	Sarika Mandhare	Assist. prof.	computer	
14.	Diksha Bhaleraо.	Asst Professor	Computer.	
15.	Shatabdi M. Bhaleraо.	Asst Professor	Computer	S.M. Bhaleraо
16	Anjali Sharon D'sa	Assistant Professor	CIVIL	
17.	Chaitali Isal	Asst. Professor	Civil	
18.	Aniket Sharma	Asst. Prof	Civil	
19	Armaan Ansari	"	Civil	
20	Shabbar Khan	ASST Prof	Civil	
21	Pramod Suke	Asst. Prof.	Civil	
22.	Pallavi P. Tajane	Asst. Prof.	Civil	

Signature & Date

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INDIAN WATER WORKS ASSOCIATION

YOUTH

A WEBINAR ON "INDUSTRIAL WASTE WATER TREATMENT: CHALLENGES AND SOLUTIONS"

27th February, 2021

Ruaiz Maqsood Lala

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A WEBINAR ON "INDUSTRIAL WASTE WATER TREATMENT: CHALLENGES AND SOLUTIONS"

Name of event - A Webinar on "Industrial waste water treatment: Challenges and solutions."
Location - Google meet & YouTube.
Organized by - Youth Forum and Student Chapter for Water of IWWA, SCOE and Civil Engineering Students Association (CESA)
Date- 27th February 2021

Youth Forum and Student Chapter for Water of IWWA Department of Civil Engineering Saraswati College of Engineering, Kharghar, Navi Mumbai jointly with IWWA Mumbai Centre organized a webinar on Industrial Waste Water treatment: Challenges and Solutions.

Saraswati College of Engineering (SCOE) is a NAAC Accredited Leading engineering institution in Navi Mumbai which is approved by AICTE, affiliated to University of Mumbai and recognized by Govt. of Maharashtra. SCOE aspires to be a leading academic and research organization with a dream and vision of creating a knowledgeable society.

The Indian Water Works Association (IWWA) is a voluntary organization of Professionals concerned with water for Municipal, Industrial & Agricultural uses and wastewater collection, treatment, disposal and reuse. It provides a common platform for the persons and organizations working in this sector to exchange views, share ideas, disseminate information and knowledge about new and appropriate technologies for improving and upgrading the services.

About the Webinar: Industrial wastewater is generated through various industrial processes. It may pollute water bodies if it is discharged into water bodies withoutadequate treatment. It is necessary to treat industrial wastewater so that it can be reused or disposed safely. This Webinar covers the overview of industrial waste water treatment. It also focuses on the impact of industrial wastewater on receiving environment.
The programme schedule was as such.
Welcome Address: Prof. Roshni John HOD (First Shift), Civil Engineering Dept., SCOE, Kharghar, Navi Mumbai.
About webinar: Dr. Saumya Singh Associate Professor, Civil Engineering Dept., SCOE, Kharghar, Navi Mumbai.

Key Speakers:
About IWWA: Mr. Ramesh B. Bambale
Hon. Joint Secretary General, IWWAMember, State Expert Appraisal Committee (SEAC) for Mumbai Metropolitan Region and Konkan Region, Maharashtra.Former Deputy Municipal Commissioner, Municipal Corporation of Greater Mumbai

Dr. T.V.Ramachandra
Indian Institute of Science, Bangalore, KarnatakaCo-ordinator, Energy & Wetlands Research Group, Center for Ecological Sciences, Associate Faculty, Centre for Sustainable Technologies, Centre for infrastructure, Sustainable Transportation and Urban Planning.

Mr. K.B. Wadhavane
Hon. Director (Utility), IWWATeam Leader, Yash Engineering Consultants Pvt. Ltd.Former Deputy Hydraulic Engineer, MCGM.

Vote of thanks: Prof. Pooja Somani
HOD (Second Shift) and IWWA Coordinator, Civil Engg. Dept., SCOE.

Ruaiz Maqsood Lala

Scanned with CamScanner

The Webinar was initially arranged for limited members only, via Google meet and hence a registration link was passed with the help of Google form. Even after the seats were full, a huge number of students were eagerly waiting to attend this webinar and so the webinar was casted over YouTube(live). The Technical team arranged the entire webinar online and helped this event to achieve the success.

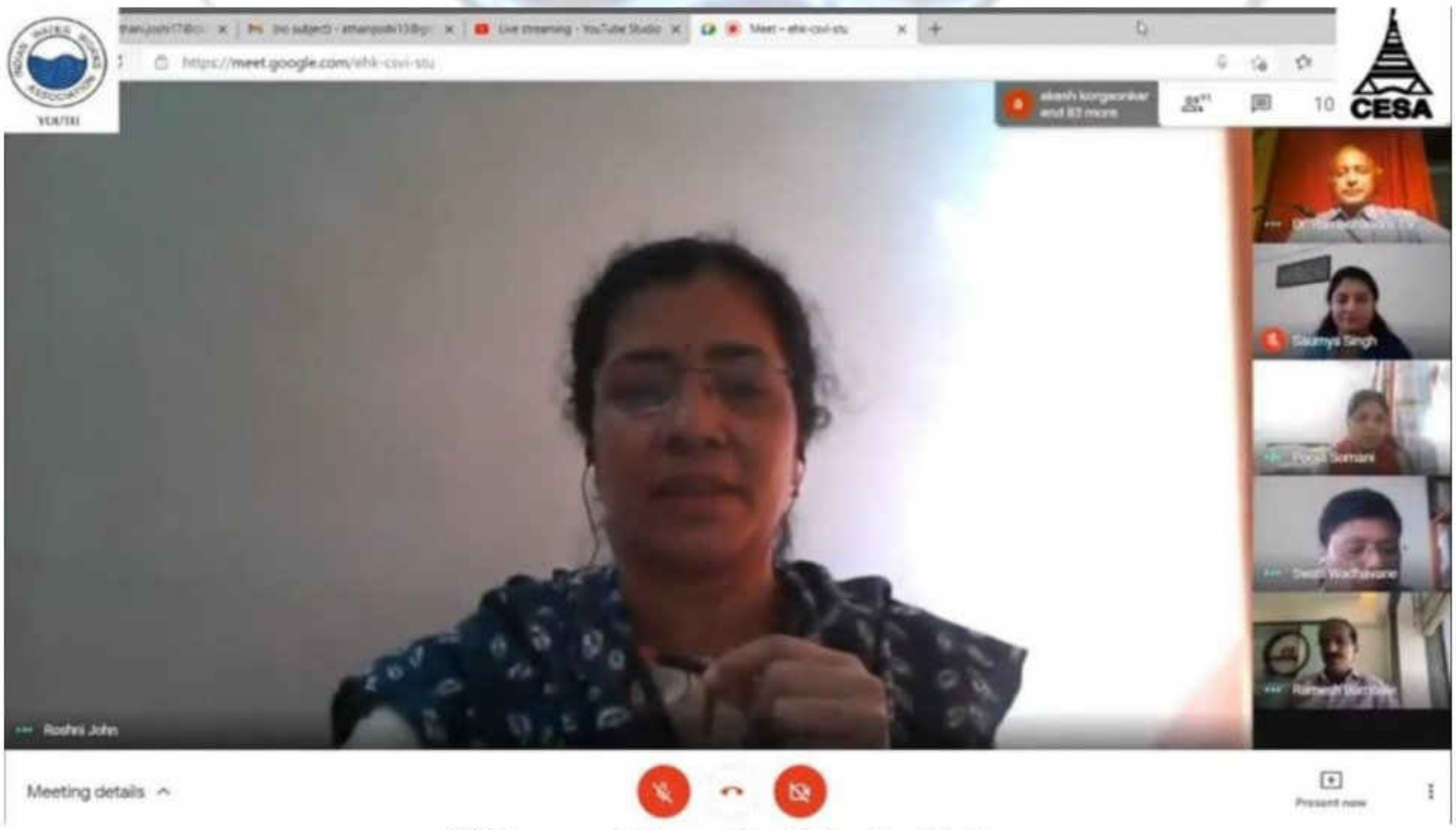
To follow up Dr. Saumya Singh, The Hon'ble, member of IWWA, Mr. Ramesh Bamble took over and gave a brief about the webinar's topic to understand the depth of this essential problem.

The Key speakers from IWWA, Mr. K. B. Wadhavane & Dr. T. V. Ramachandra shed light on the challenge and the solutions to uplift the coming generation. The Webinar was full of knowledge and presence. The entire webinar was carried out smoothly and with ease. The total number of participants who attended the webinar via Google meet were registered to 100 people only and yet the total number of views on YouTube are more than one thousand and counting.

The webinar consisted of the Introduction, desired treated effluent quality of CETP, Case study of Dombivali phase l, Sludge handling, case study of CETP at Vapi, Gujrat followed by the primary and secondary treatment- CETP at Vapi itself and many more appealing topics were discussed.

For the vote of thanks, the HOD of 2nd shift, Prof. Pooja Somani stepped up and successfully concluded the webinar. At the end of the webinar, the technical team forwarded a Google form link which included questions regarding the webinar. Thus, by answering and submitting the Google form, all the participants were rewarded with a digital certificate.

GLIMPSES OF THE EVENT:



Welcome address: Prof. Roshni John

Ruaiz Maqsood Lala

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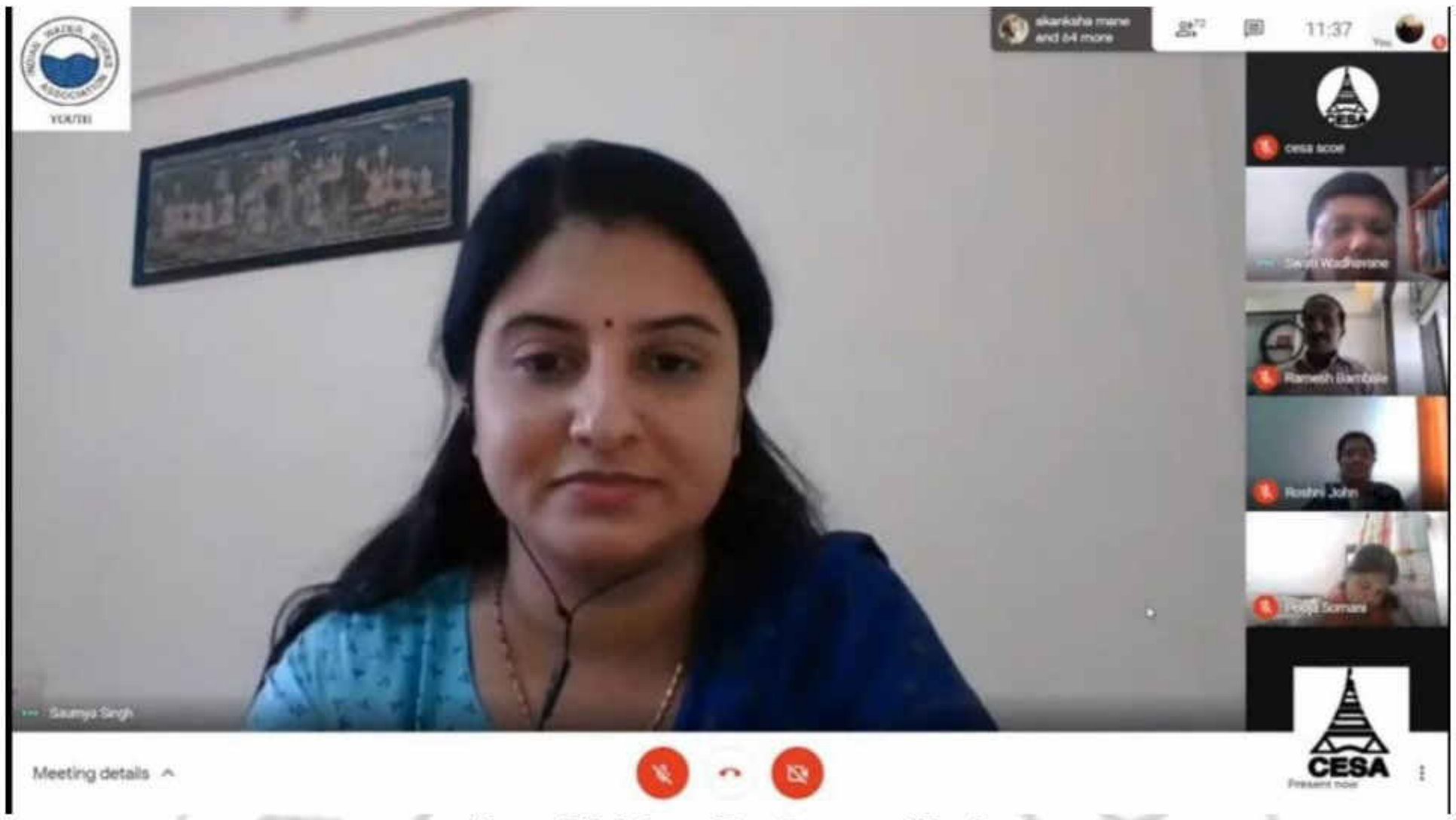
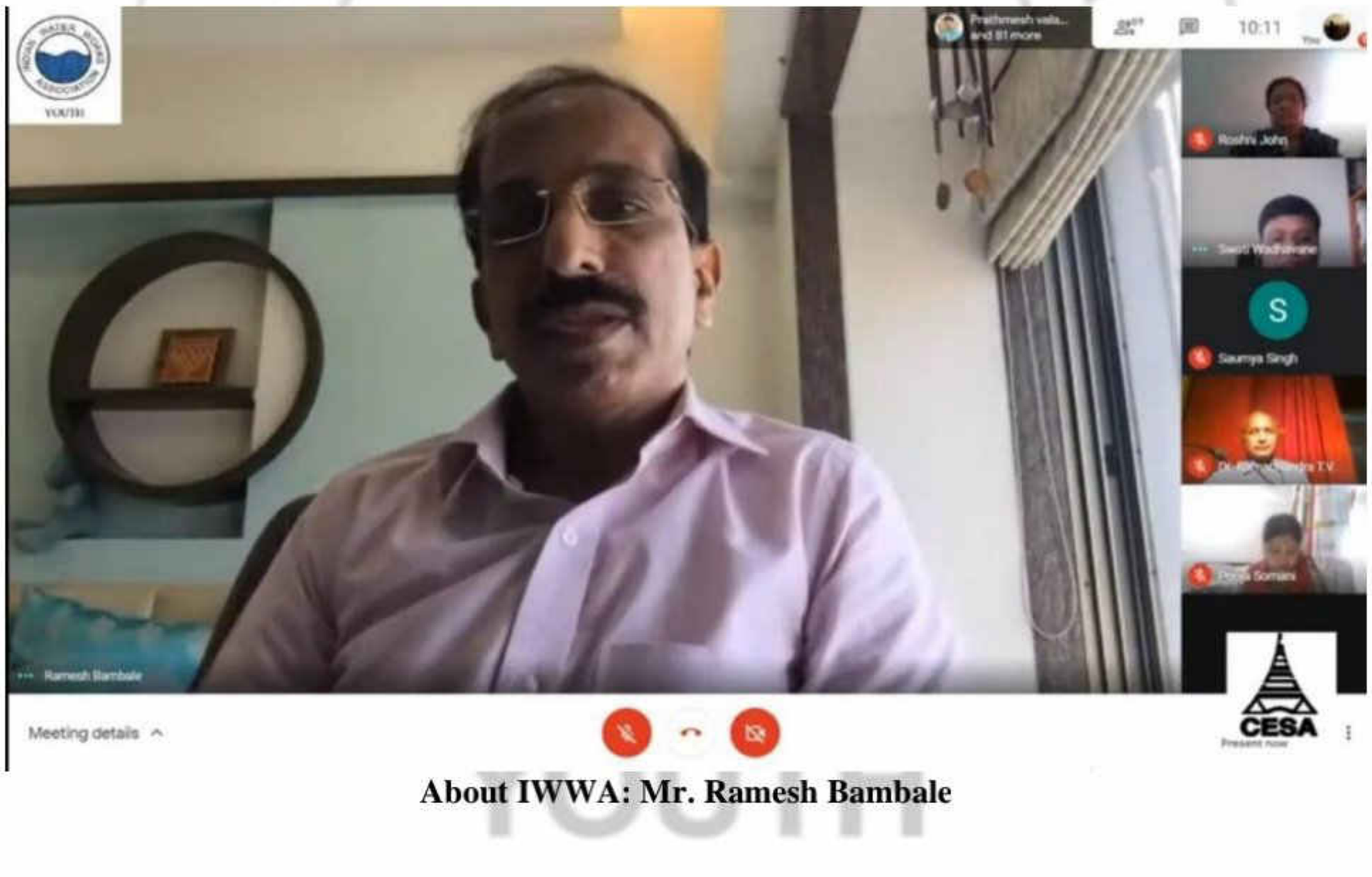


About Webinar: Dr. Saumya Singh



About IWWA: Mr. Ramesh Bambale

Ruaiz Maqsood Lala

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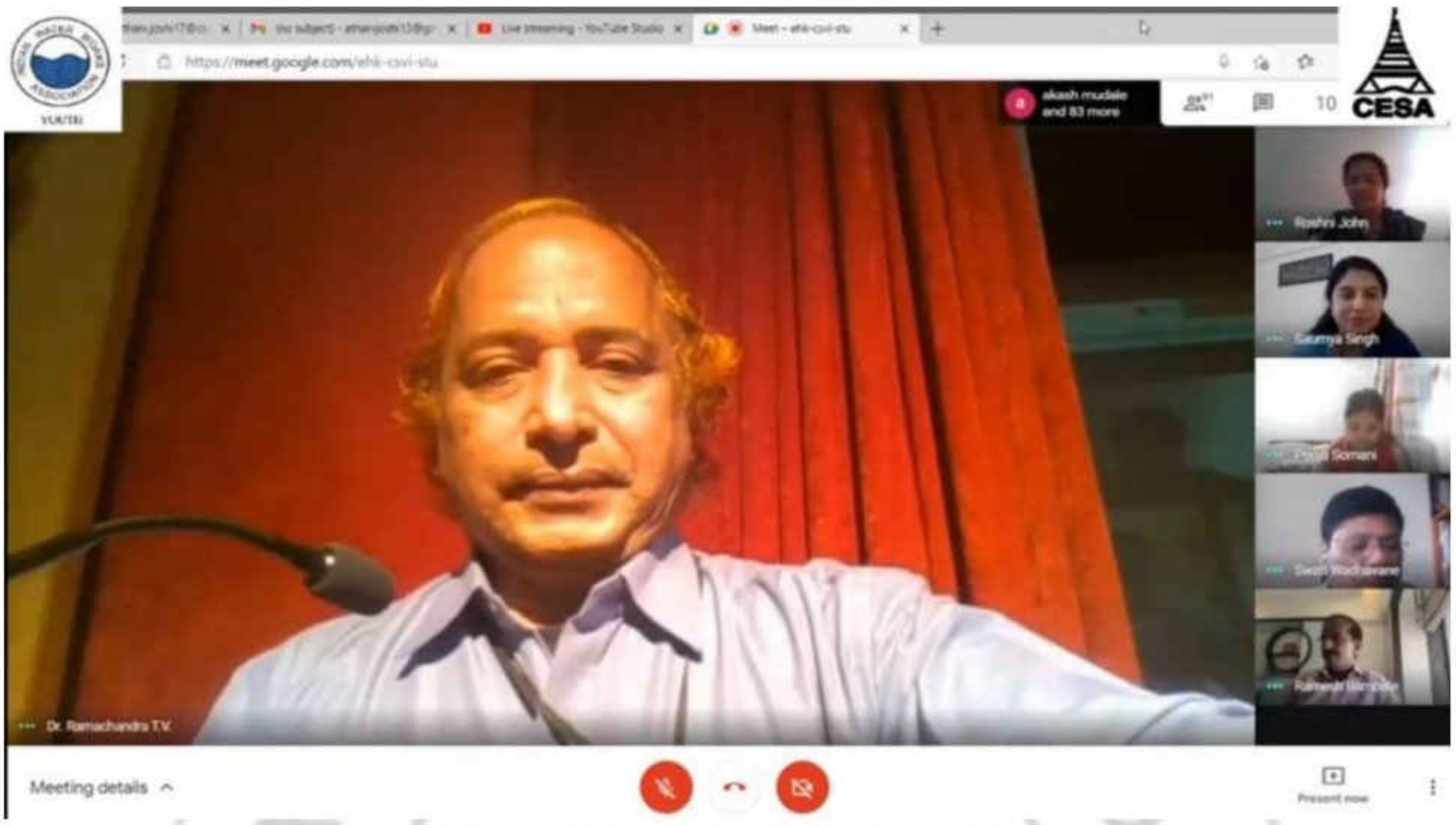
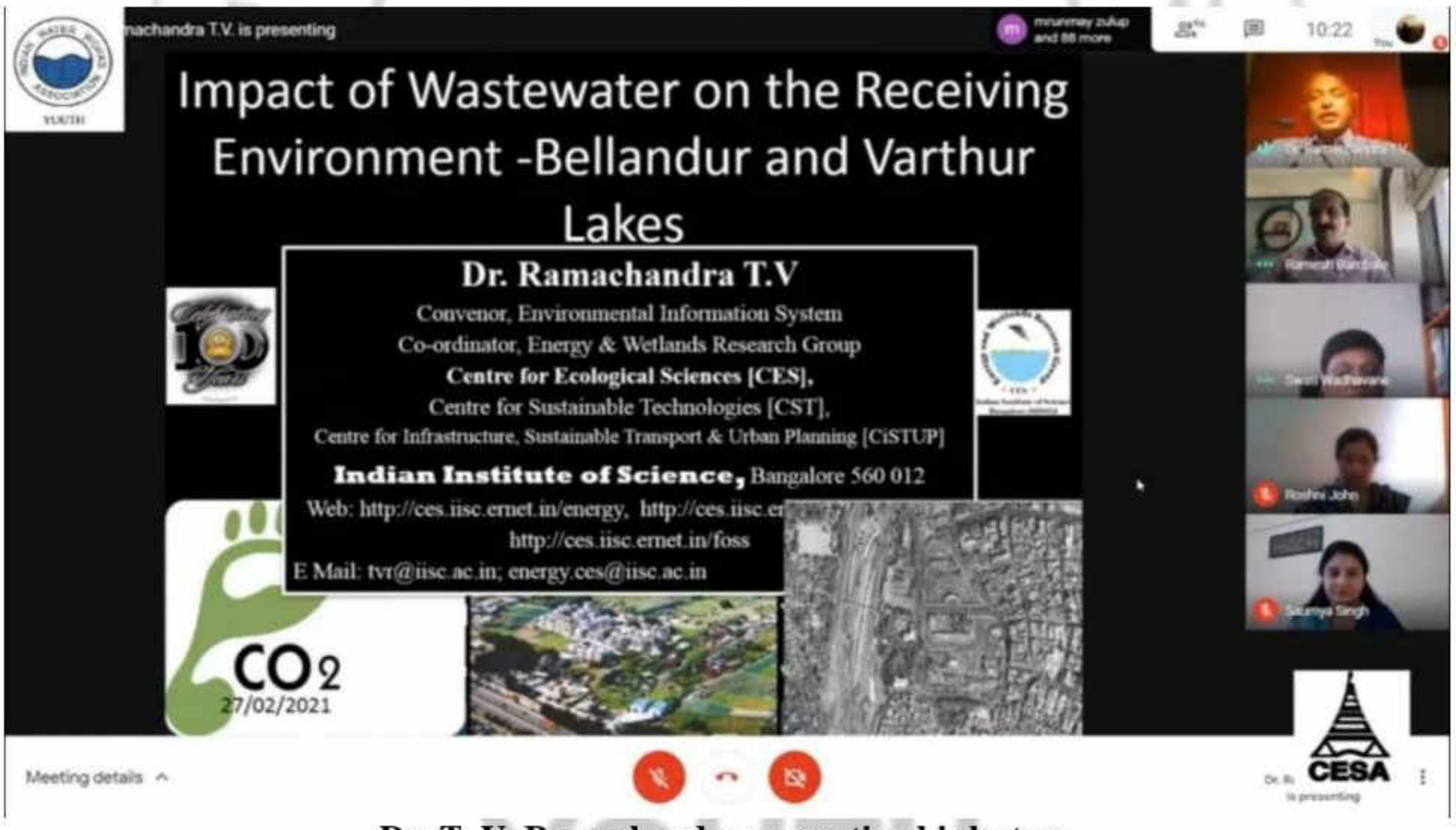


Key Speaker: Dr. T. V. Ramachandra



Dr. T. V. Ramachandra presenting his lecture

Ruaiz Maqsood Lala

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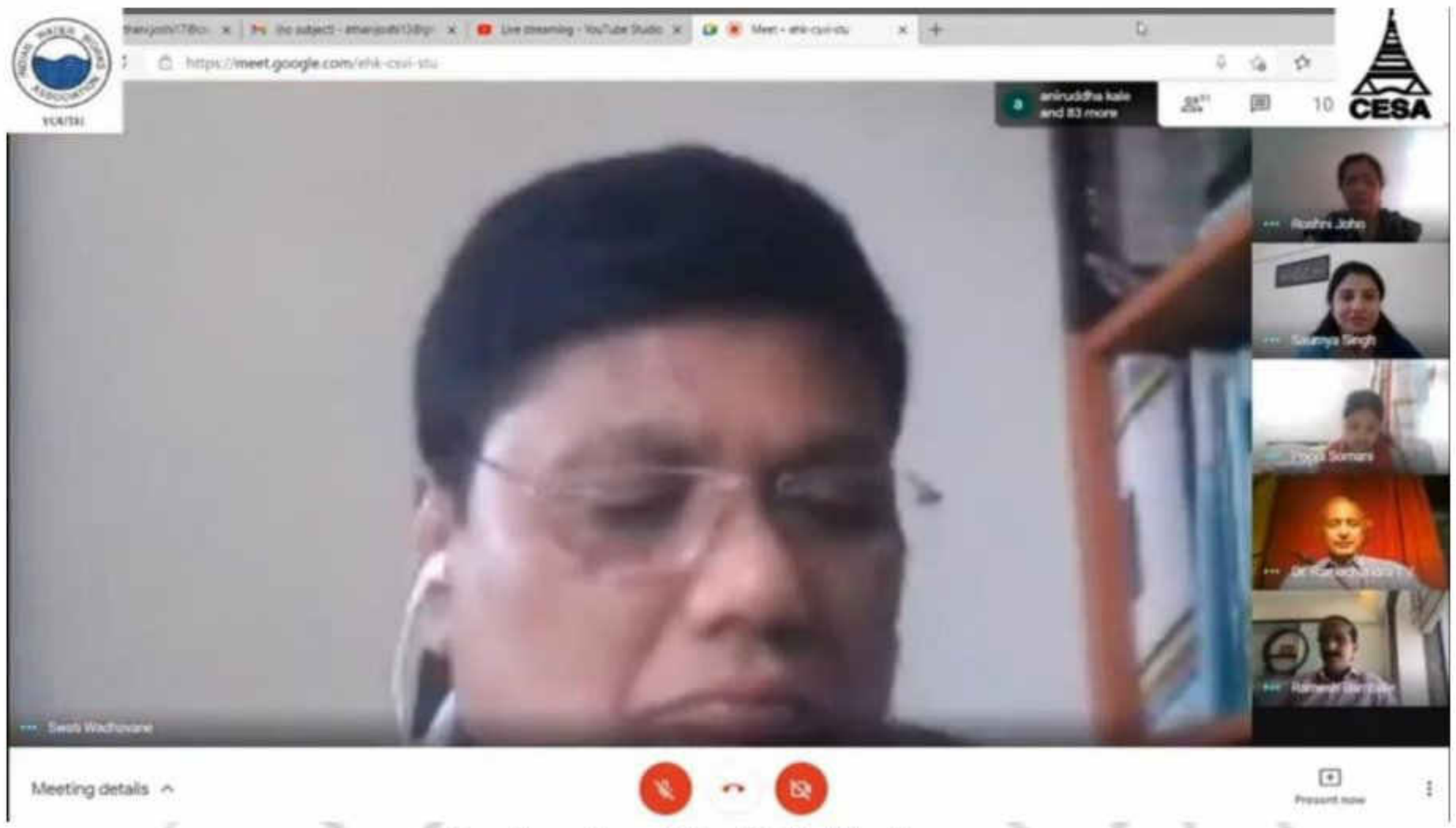
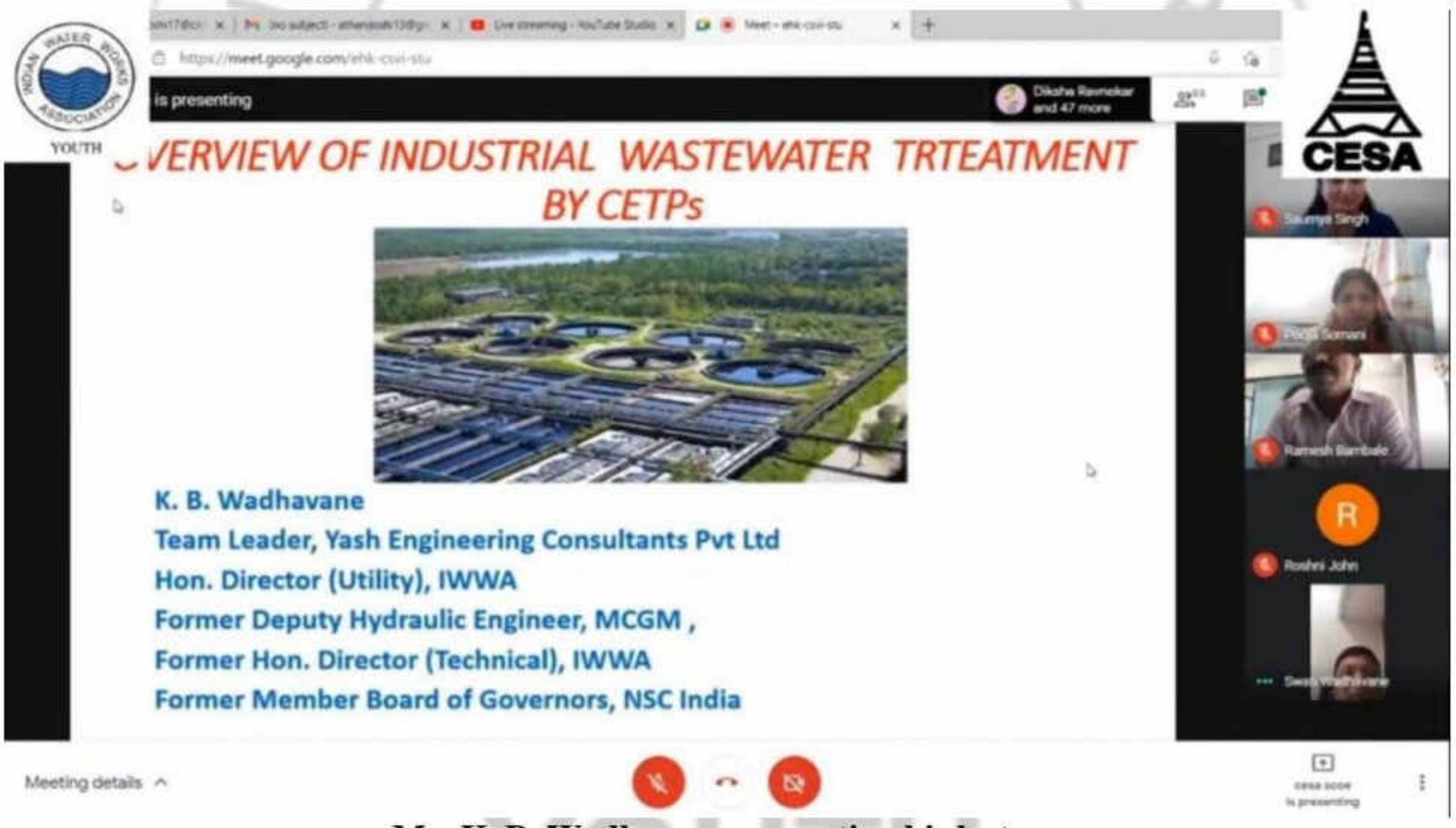


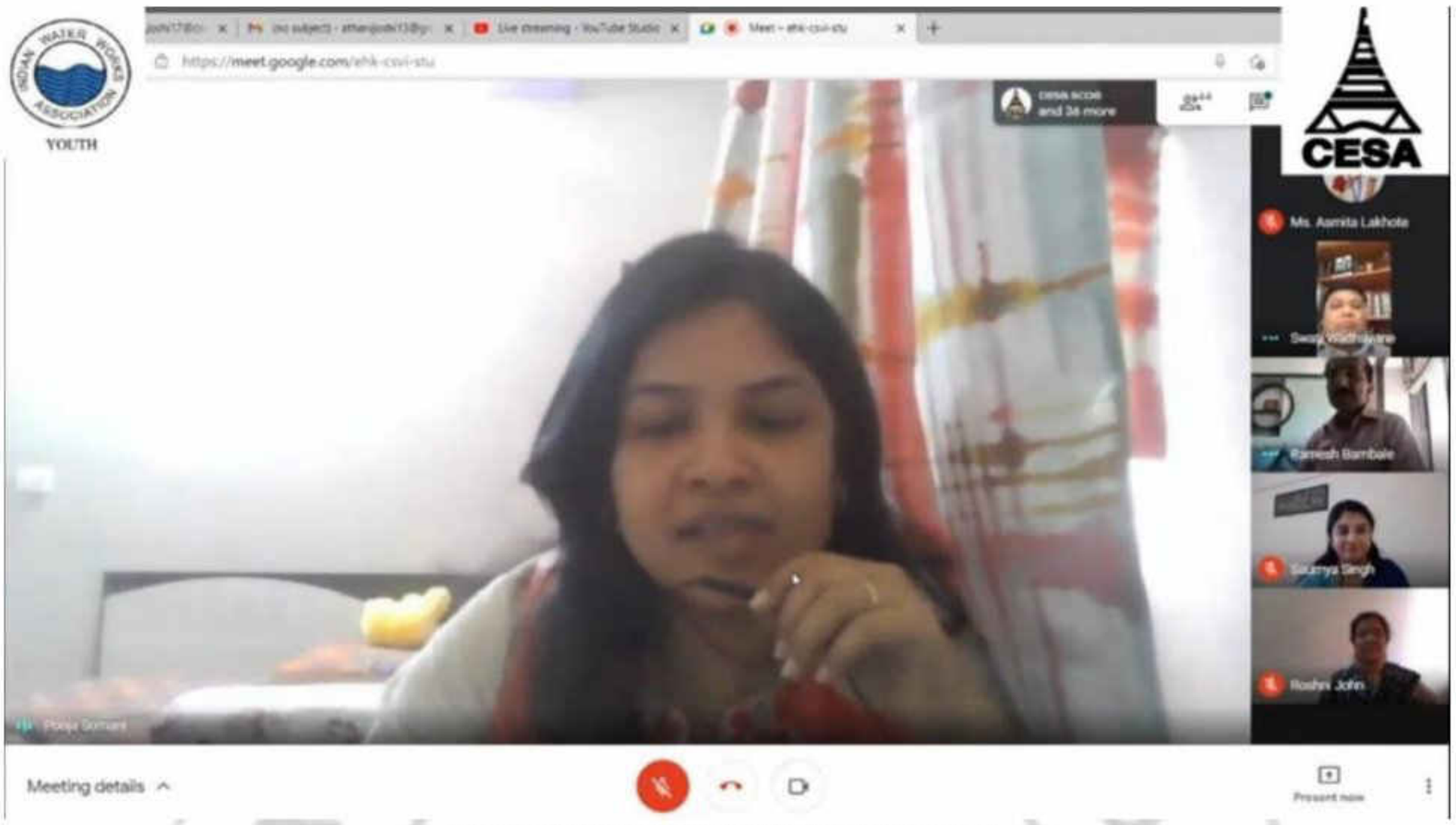
Key Speaker: Mr. K. B. Wadhavane



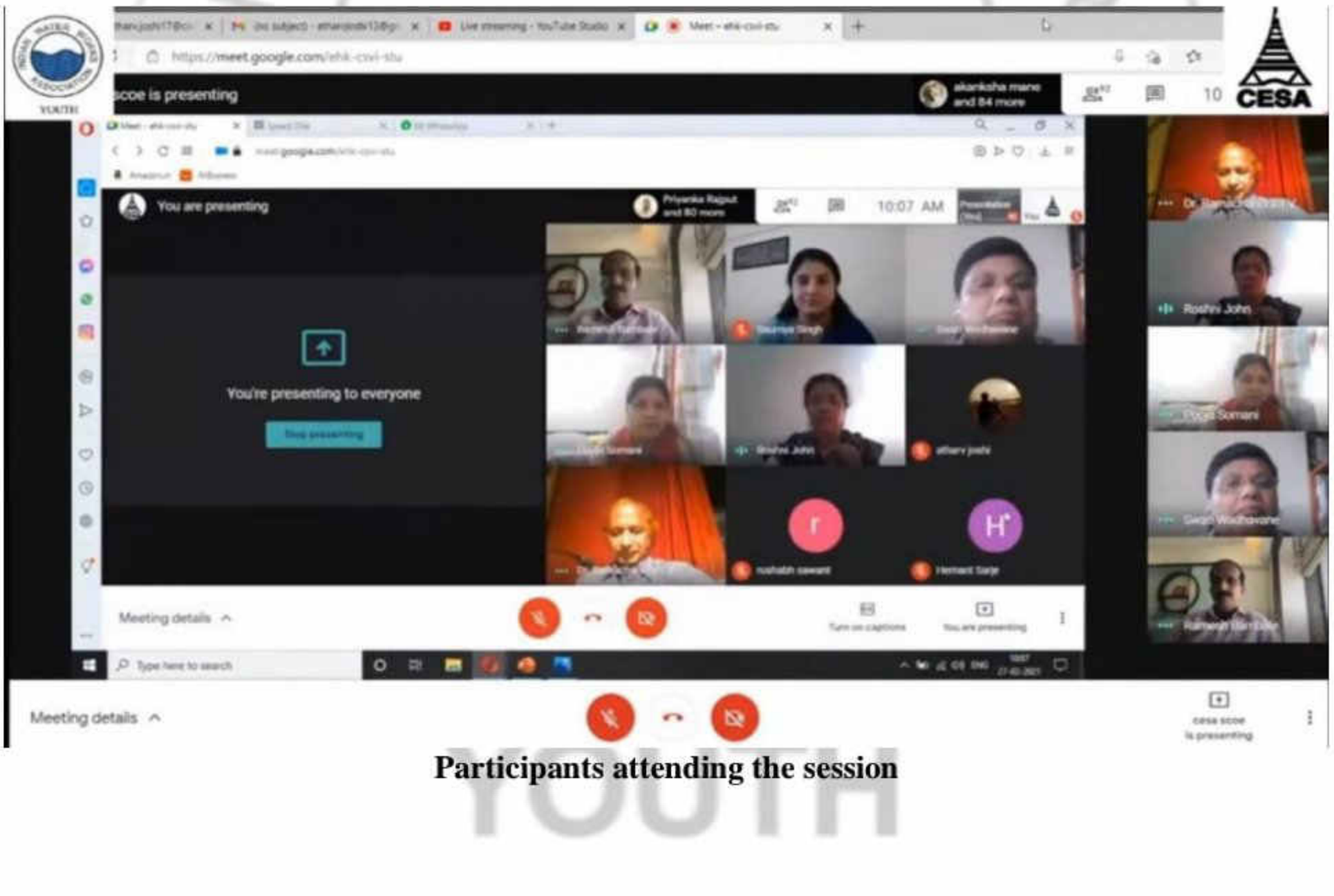
Mr. K. B. Wadhavane presenting his lecture

Ruaiz Maqsood Lala

Scanned with CamScanner



Vote of Thanks: Prof. Pooja Somani



Participants attending the session

Ruaiz Maqsood Lala

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SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

EXTC DEPARTMENT

Date 07/03/2021

To

The HOD EXTC

SCOE Kharghar

Subject-Permission for arranging webinar on 08/03/2021 .

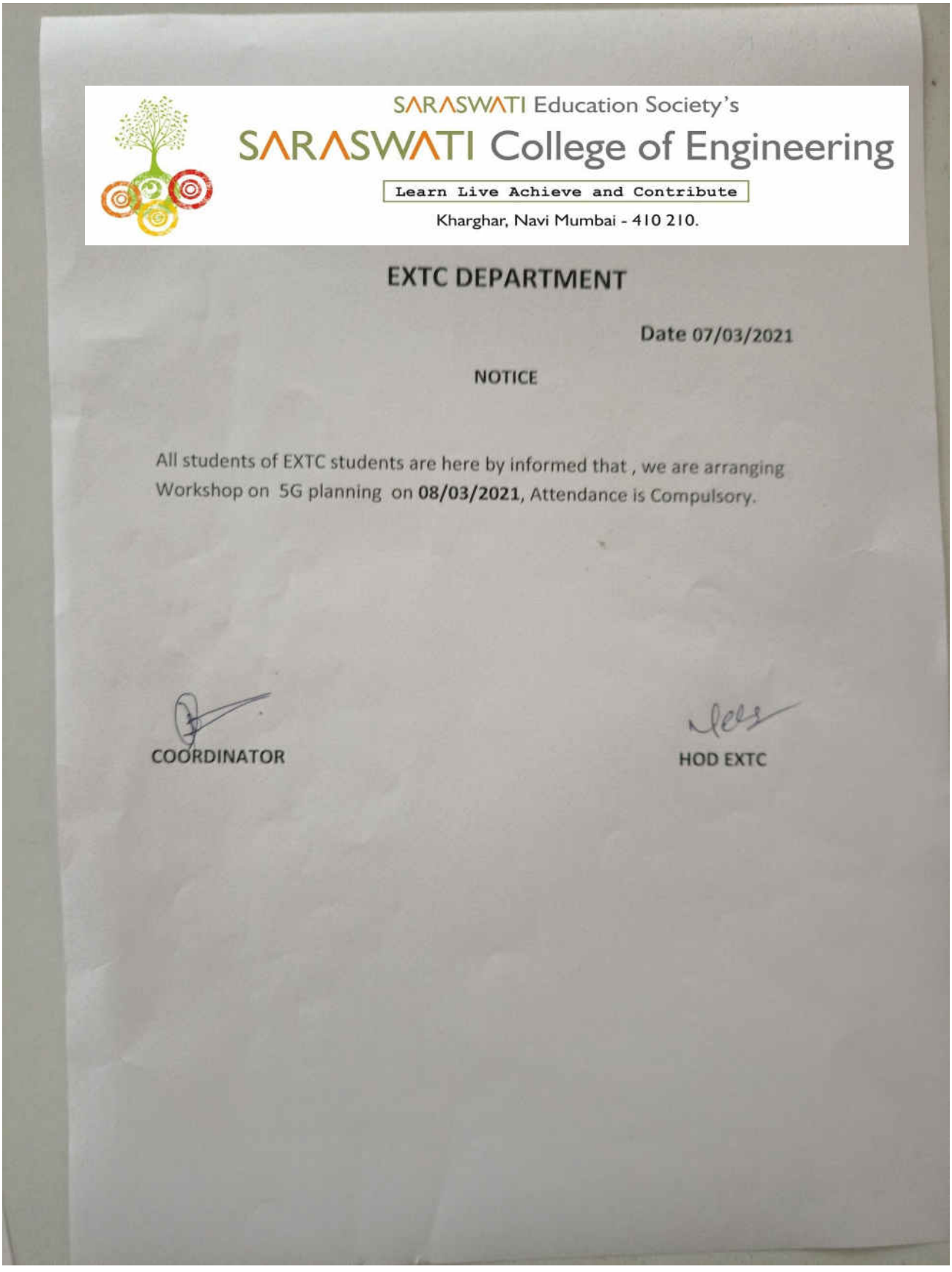
Respected madam

I am Naresh joshi requesting for arranging webinar on 5G planning on 08/03/2021 for our EXTC Students ,so kindly consider our application and do the needful.

Thanking You.

COORDINATOR

HOD EXTC



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Kharghar, Navi Mumbai - 410 210.

EXTC DEPARTMENT

Date 07/03/2021

NOTICE

All students of EXTC students are here by informed that , we are arranging Workshop on 5G planning on **08/03/2021**, Attendance is Compulsory.

COORDINATOR

HOD EXTC

SARASWATI Education Society's

SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

Report on

National Level webinar

On

"5G Planning"

Organized by

Saraswati College of Engineering, Kharghar

In association with

MobileComm Pvt. Ltd. Gurgaon

Date: 8th March 2021

Academic year

2020-21

SARASWATI Education Society's
SARASWATI College of Engineering
Learn Live Achieve and Contribute
Kharghar, Navi Mumbai - 410 210.

Kharghar, Navi Mumbai - 410 210.

Name of event: National Level webinar on: 5G Planning

Date: 8th March 2021

Name of Presenter: Mrs. Chetan, Mr. Ajeet Singh (MobileComm Pvt. Ltd, Gurgaon)

Name of Convener: Dr. Sheetal Bukkawar (Dean, Admin & Student Welfare)

Name of Coordinator: Prof. Naresh Kumar Joshi & Prof. Nilesh Patil

Mode of Conduction: Online (GoToMeet)

Number of participants: 40

5G is the fifth generation of cellular technology. It is designed to increase speed, reduce latency, and improve flexibility of wireless services. 5G technology has a theoretical peak speed of 20 Gbps, while the peak speed of 4G is only 1 Gbps.

5G also promises lower latency, which can improve the performance of business applications as well as other digital experiences (such as online gaming, video conferencing, and self-driving cars).
While earlier generations of cellular technology (such as 4G LTE, 3G and 2G) focused on ensuring connectivity, 5G takes connectivity to the next level by delivering connected experiences from the cloud to clients. 5G networks are virtualized and software-driven, and they exploit cloud technologies.

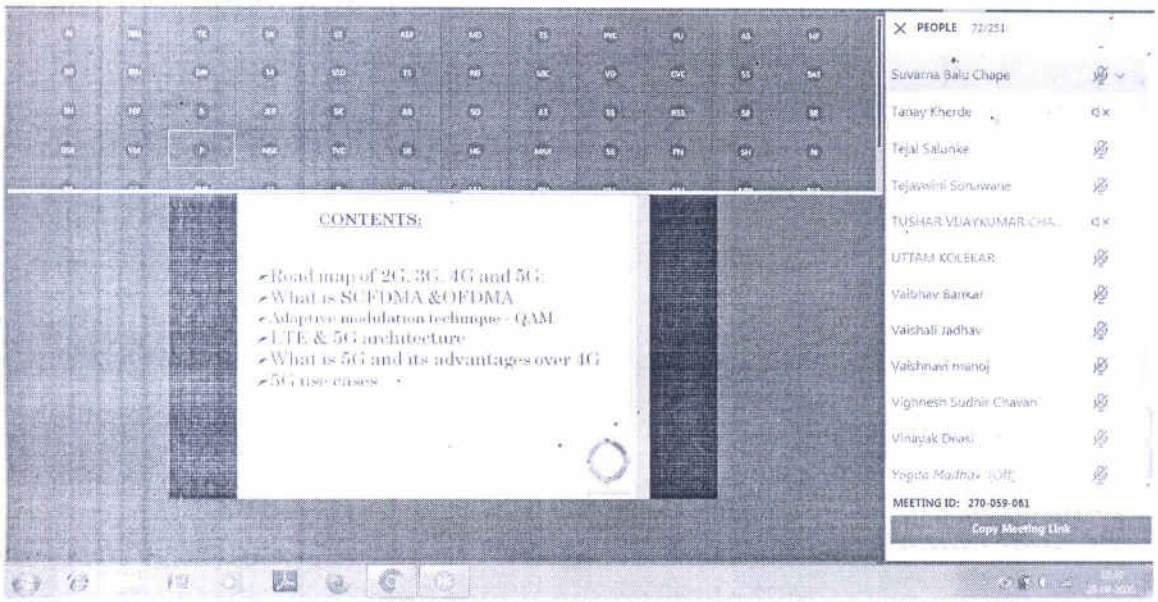
This webinar conducted to enhance the knowledge about 5G technology, also aware about what is industry demand for future engineer. So through this webinar we have provided industry –institute platform for wide discussion on current technology scenario. This webinar is widely attended teachers and students across the India. The below mentioned topics are delivered by industry expert.

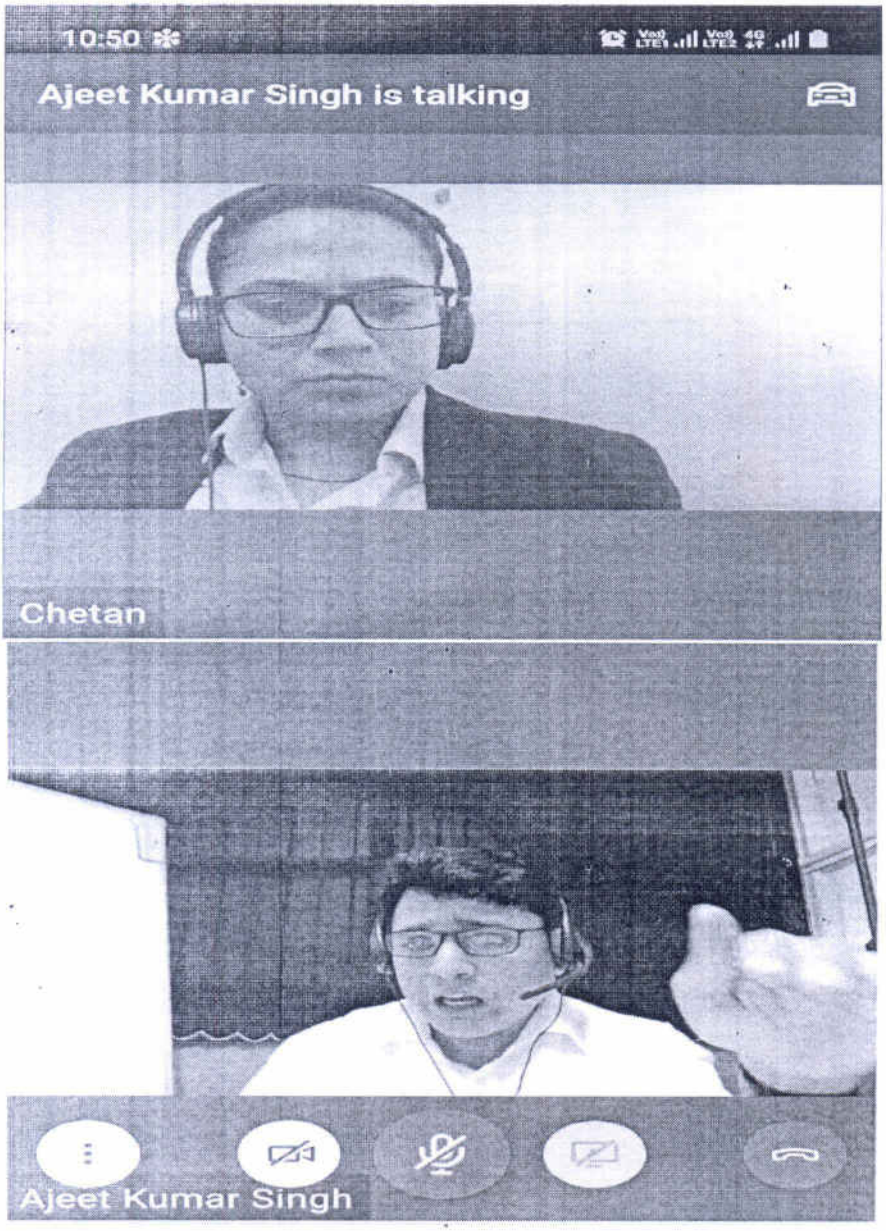
Topics of webinar:

- Road Map of 2G,3G,4G and 5G
- Technology Comparison.
- What is Need of Advance Communication.

- What is SCFDMA, OFDMA
- What is QAM technologies.
- Lte Architecture.
- What is 5G and Its advantages Over 4G.
- 5G New use case
- Qxdma, Wireshark Tool introduction.

EVENT PICTURES:





Coordinators
Prof. Naresh Kumar Joshi
Prof. Nilesh Patil

Convener
Dr. Sheetal Bukkawar

Principal
SCOE

IETE Approved One Day National Level webinar" on "5G Planning (Responses)

Name	Department	Institute/Organisation Name and Address	Place/City	State	Are you from	Whatsapp Mobile Number
Yash Bandiwadekar	EXTC	Saraswati College of Engineering, Kharghar ,Navi Mumbai	Mumbai	Maharashtra	UG	9820288467
Sejal Dusane	Extc	Saraswati college of engineering	Kharghar	Maharashtra	UG	8652721122
PATIL SURAJ UTTAM	Exyc	Saraswati college of engineering Kharghar	Thane	Maharashtra	UG	09702040941
Swaraj	EXTC	Saraswati college of engineering, Kharghar	Kharghar	Maharashtra	UG	8286149597
Samiksha Gupta	EXTC	Saraswati College of Engineering, Kharghar	Mumbai	Maharashtra	UG	8097042612
Deepesh Pravin kasrung	Automobile	Saraswati college of engineering.kharghar	Kharghar	Maharashtra	UG	7045917915
VIJAY	Automobile E	Saraswati college of engineering	Mumbai	Maharashtra	UG	09819368420
Prof. (Ms) Ruchi Kadwane	Electronics ar	SBITM	Betul	Madhya Pradesh	Other	9893480397
Sarita Vijay Verma	ETC	Maharashtra Institute of Technology Aurangabad	Aurangabad	Master Cook Hotel	Other	9881235110
Sangam Khandare	Electronics &	Maharashtra Institute of Technology Gate no. 5, Off Beed Bypass Road, Satara Village Road, Aurangabad, Maharashtra State, INDIA PIN: 431010	Aurangabad	Maharashtra	PG	8433567850
Martand jha	EXTC	KJSIEIT,sion	Mumbai	Maharashtra	PG	09322815545
Mr. DHUPAM ARUN KUMAR	ELECTRONIC	RAGHU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VISAKHAPATNAM	Visakhapatna	Andhra Pradesh	Other	8985876893
Rahulkumar jaydev vishwakarma	Extc	Saraswati college of engineering, kharghar	Kharghar	Maharashtra	UG	9372335161
ARUNRAJ M	ECE	Sir Vishveshwaraiah Institute of Science and technology	thanjavur	tamilnadu	Other	+91956679776
Rucha Dholakia	Communicati	Svnit	Surat	Gujarat	PG	9429408900
Tilottama Dhake	Electronic and	KJSIEIT SION	Mumbai	Maharashtra	Other	8652454149
Pradnya Kamble	Electronics ar	K J Somaiya Institute of Engineering and Information Technology	Mumbai	Maharashtra	Other	8898320404
Faraz khan	Electronics ar	TSEC , Bandra west	Mumbai	Maharashtra	UG	7710873493

Prof. Hiren Italia	Electronics ar	Vishwatmak Om Gurudev College of Engineering	Aghai	MAHARASHTRA	UG	9586177830
JAYESH VIJAY SALVE	EXTC	SARASWATI COLLEGE OF ENGINEERING,	KHARGHAR	MAHARASHTRA	Other	9768724838
TUSHAR VIJAYKUMAR CHANDAK	EXTC	Thadomal Shahani Engineering College Bandra West Mumbai	Mumbai	Maharashtra	UG	9823593991
Pranay ashok patil	Automibile en	Saraswati college of engineering,kharghar	Panvel	Maharashtra	UG	9699639414
ANCHU KRISHNAN PILLAI	Extc	THADOMAL SHAHANI ENGINEERING COLLEGE	Mumbai	Maharashtra	Other	+919699772559
Sachin Ramesh Khedekar	Electronics &	Gharda Institute of Technology	Chiplun	Maharashtra	Other	8379833523
Satej Suresh Kadam	Automobile	Scoe Kharghar	Vashi	Maharashtra	UG	9967159767
MADHAV PRAMOD RAUT	extc	saraswati college of engineering kharghar	Navi Mumbai	Maharashtra	UG	08888835372
Dhriti Shetty	Extc	Lokmanya Tilak College of Engineering	Mumbai	Maharashtra	UG	7045801498
Kajal Chandrakant Raygude	Electronics ar	Lokmanya Tilak College of Engineering, Koparkhairane, Navi Mumbai	Navi Mumbai	Maharashtra	UG	9076027066
Kunal Suryakant Logade	EXTC	LTCE, Koparkhairne	Thane	Maharashtra	UG	9768973821
Shrishti Bhatia	Extc	Tsec	Mumbai	Maharashtra	Other	9833878350
CHANDAN KUMAR CHAMAN	ECE	BANGALORE	BANGALORE	KARNATKA	Other	9776210823
Pendyala Sri Mahalakshmi	EXTC	Vivekanand Education Society's Institute of Technology, Chembur	Mumbai	Maharashtra	UG	8169326977
Nishant Mohanani	EXTC	Thadomal Shahani Engineering College Bandra	Mumbai	Maharashtra	UG	9920902363
Suresh Narayan Gharal	Electronics ar	Lokmanya Tilak College of Engineering koparkhairane, Navi Mumbai	Thane	Maharashtra	UG	7977379340
AKshay kumbhar	EXTC	Saraswati college of engineering	Navi Mumbai	Maharashtra	UG	0808264 171
Sandeep Shivram Mishra	EXTC	KJSIEIT	Mumbai	Maharashtra	PG	80807060 54
Dr. Shobha Tyagi	IT	KC College of Engineering	Thane	Maharashtra	Other	9820456 40
Rushikesh Sanjay jagtap	EXTC	Saraswati college of engineering kharghar	Kharghar, Na	Maharashtra	UG	8355825899
Venkatesh Sawant	EXTC	Saraswati College of Engineering Kharghar	Kharghar, Na	Maharashtra	UG	7977004 13
Mohd Sufyan Asghar Kamil	Computer En	Saraswati College of Engineering	Mumbai	Maharashtra	UG	9004403 30
Anugya Pandey	Computer sci	Saraswati College of Engineering khargar	Khargar	Maharashtra	UG	9987391 04

Vishakha Chandrashekhar Loke	Electronics ar	Saraswati College of engineering, Kharghar	Mumbai	Maharashtra	UG	7588140957
Shubhangi Mangesh Verulkar	EXTC	K.C.COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH	THANE	MAHARASHTRA	PG	+919820942080
Sanket N. Waghmare	EXTC	Saraswati College of Engineering, Kharghar	Kharghar	Maharashtra	UG	8424904169
SNEHAL	Co	Sarawati college of engineering	Kharghar	Mumbai	Other	9987240609
Shubham Pokale	Computer En	Saraswati College of engineering	Kankavli	Maharashtra	UG	9373776317
Aishwarya Suresh Salunke	Electronics ar	Saraswati College of engineering Kharghar	Kharghar Nav	Maharashtra	UG	9594452334
Bhupesh Suryavanshi	EXTC	Saraswati College of Engineering	Ulhasnagar	Maharashtra	UG	8007937208
Akaash shayamaghan Panad	Computer	Saraswati college of engineering, Kharghar	Navi Mumbai	Maharashtra	UG	7700970103
Mrunali Gharat	Electronics ar	Saraswati College of engineering,Navi Mumbai	Uran	Maharashtra	Other	7900118190
Prof Deepak Kulkarni	ExTC	KVM Polytechnic Malad Mumbai	Mumbai	Maharashtra	Other	9819136712
Komal Prakash Logade	Computer	Saraswati College of Engineering, plot no.46, sector no 5, behind MSEB sub station, Kharghar,Navi Mumbai - 410210	Navi Mumbai	Maharashtra	UG	9082523634
NIKITA GAJANAN KULKARNI	COMPUTER	saraswati college of engineering kharghar	kalyan	Maharashtra	UG	9967904227
SHREYA JALINDAR MANKAR	Electronic and	Saraswati college of engineering kharghar navi mumbai	Navi mumbai	Maharashtra	UG	9967950949
Gitimayee Sahu	Dept. Of Extc	Lokmanya tilak college of engineering	Navi mumbai	Maharashtra	Other	9321329056
Swanand vijay jadhav	Automobile e	Saraswati college of Engineering, kharghar, Navi mumbai	Navi mumbai	Maharashtra	UG	7506506487
Aatish Ramesh Gaikwad	Automobile E	Saraswati College of Engineering Kharghar	Panvel	Maharashtra	UG	+918169122672
Rekha Sudamsing Kahate	Electronics ar	Maharashtra Institute of Technology, Aurangabad	Aurangabad	Maharashtra	PG	7218807521
Anjali Katkar	EXTC	SCOE Kharghar	Navi Mumbai	Maharashtra	UG	9867173120
Ankita Suresh Pawar	EXTC	Saraswati collage of engineering	Kharghar	Maharashtra	UG	9594380290
Dr.Saylee Gharge	Electronics ar	V.E.S. Institute of Technology	Andheri east	Maharashtra	Other	+919821867450
Bhogulkar Pravin Pundlik	Computer En	Saraswati College Of Engineering Kharkhar	Navi Mumbai	Maharashtra	UG	7039409436

Dipali Phatak	Electronics ar	Vivekanand education society's institute of technology	Mumbai	Maharashtra	UG	7666806697
Saurav kale	Computer eng	Saraswati college of engineering	Kharghar	Maharashtra	UG	8652236639
Abhijeet Shivram Teli	EXTC	Saraswati College of engineering, Kharghar, Navi Mumbai	Kharghar	Maharashtra	UG	8108982226
Omkar	EXTC	SCOE,kharghar	Kharghar	Maharashtra	UG	7719888973
Girish Ganesh Patil	EXTC	Saraswati College of Engineering	Kharghar	Maharashtra	UG	8692908062
Revati Deshpande	Extc	Scoe	Mumbai	Maharashtra	UG	9969197659
Anjali Deepak Shah	IF	Kala vidyamandir malad	Malad (Mumb	Maharashtra	Other	9920049158
VIGHNESH MAHENDRA SONAWALE	MECHANICA	Saraswati college of Engineering	Navi Mumbai	Maharashtra	UG	9004890322
AKSHAY SHETTY	MECHANICA	SARASWATI COLLEGE OF ENGINEERING	THANE	MAHARASHTRA	UG	8433640785
Aashuli Sahare	Extc	Saraswati College of engineering, Kharghar	Navi Mumbai	Maharashtra	UG	9967053094
Sakshi Madhukar Bhagwat	Extc	Saraswati College of Engineering, Kharghar	Mumbai	Maharashtra	Other	+917718045089
Yadav Deepak Kumar	EXTC	Saraswati collage of engineering, kharghar navi mumbai	Dombivali eas	Maharashtra	Other	7039892001
JAYAKUMAR S	ECE	SSM Institute of Engineering and Technology	Dindigul	Tamilnadu	Other	9677852095
Nishant Sharan	ECE	BIT Mesra	RANCHI	Jharkhand	Other	08755349023
SATISH RADHESHYAM CHAURASIYA	EXTC	SARASWATI COLLEGE OF ENGINEERING	Vashi	Maharashtra	UG	8657229886
Sandeep Sadanand Surepalli	EXTC	Saraswati College Of Engineering Kharghar	Kharghar Nav	Maharashtra	UG	9969502639
Anshul Agarwal	Electronic Co	Madhav Institute of Technology Science Gwalior	Gwalior	Madhya Pradesh	Other	8085586698
Rutuja Farande	EXTC	Saraswati college of engineering	Kharghar	Maharashtra	UG	8454839137
Mohammad Ameen	Electronics E	Indian Institute of Technology (ISM), Dhanbad	Dhanbad	Jharkhand	Other	8075105843
Sankhdeep	Electronics&T	Saraswati College of Engineering	Kharghar	Maharashtra	UG	7977126200
KUNAL PROMODE GHOSH	Founder	VLSI System Design Corp. Pvt. Ltd.	Bangalore	Karnataka	Other	9686428727
Komal Chandrakant Raygude	Electronics ar	Lokmanya Tilak College of Engineering, Koparkhairane	Navi Mumbai	Maharashtra	UG	9076027068
Aishwarya awalekar	Extc	L.T.C.O.E.	Koparkhairan	Maharashtra	Other	8108070430
Ruchika Dattatray Suryawanshi	Extc	Lokmanya Tilak college of engineering	Mumbai	Maharashtra	UG	9892923325

Akshay Bhimrao Kamble	Electronic and	Lokmanya Tilak College of Engineering koparkhairane	Navi Mumbai	Maharashtra	PG	8898418918
sagar chavan	EXTC	Lokmanya Tilak College of engineering, Koparkhairne	Airoli	Maharashtra	UG	7506573161

(Coordinator)

8/3/21

HOD.

(HOD EXTC)

Date: 03/03/2021

To,

The Principal,

Saraswati College of Engineering

Kharghar,

Navi Mumbai.

Subject: Permission for seminar on "How to create Google forms and Microsoft Excel sheets"

Respected Madam,

I, Dr. Sheetal Bukkawar, currently working as a dean administration and student welfare, in your institute would like to request you to please allow us to organize seminar on "How to create Google forms and Microsoft Excel sheets" for Non-teaching staff on 9th March 2021 from 1 p.m. to 2 p.m.

So, kindly grant the permission.

Thanking You.

Your's faithfully,

S. Bukkawar

Dr. Sheetal Bukkawar

Dean Administration and Students Welfare

Permitted

SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Date: - 09/03/2021

Report on – Webinar on "How to create Google forms and Microsoft Excel Sheets" by Dr. Sheetal Bukkawar

1. Duration: 9th March, 2021 1 p.m. to 2 p.m.
2. Number of Participants: 30 Non-Teaching staff of SCOE
3. Guest Speaker: Dr. Sheetal Bukkawar
   - Dean Administration and Students Welfare SCOE, Navi Mumbai.
   - PhD (E&TC) from Amravati University.
   - Has 19 years of experience in Teaching.
4. Objective: To provide non-teaching staff an opportunity to learn and Gain knowledge and insights on computer skills such as creation of Google forms and Excel sheets.

To cope up with online teaching and administration work, this workshop has been specifically organized for nonteaching staff. In this workshop, the detailed procedure of creating Google forms which are required for various data collection purposes are explained and hands-on session is taken. All participants also tried creating and excel sheets and various options available in excel sheet required for proper documentation. This online webinar will surely be helpful to all the participants for their day to day clerical work.

Prof. Sarita Kale
Event coordinator

Dr. Manjusha Deshmukh
Principal

Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-03-13 : 13:15: https://meet.google.com/ogn-qbsk-uuj

Members present : 30 (Duplicates removed)
Sheetal Bukkawar
Raajendra Jadhav
Vinod Patil
Ashok Waghmare
Somnath Yadav
Vijay Ghadage
Shalan Suryawanshi
Ram Ghadage
Seema Potdukhe
Abhijit Yadav
Amarjit Yadav
Nitin Pawar
Amar Shinde
Savita Pawar
Appa Patil
Rahul Desai
Vaishali Desai
Sunil Patil
Yashwant Ghadage
Vrushali Mahadik
Santosh Sutar
Charushila Deshmukh
Sachin Hajare
Santosh Suryawanshi
Shital Pol
Chhagan Harad
Umesh Chavan
Sachin Pawar
Surekha Pol
Ariya S

SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

ACADEMIC YEAR 2020-21

Department of Automobile Engineering

Date: 17/03/2021

To

The principal

SCOE, Kharghar

Navi Mumbai

Sub.: Request to grant permission for one day workshop on augmented reality

Respected Madam,

We from Automobile Department organizing one day workshop on augmented reality on dated 20th March 2021.

So kindly grant us the permission for the same.

Thank you

Permitted

Prof. T. Z. Quazi

HOD

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SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

DEPARTMENT OF AUTOMOBILE ENGINEERING

Notice

All SE, TE and BE Automobiles students are informed that a one day workshop on Augmented Reality (An Industry 4.0 Initiative) will be conducted Online on 20th march 2021.

Interested Students register for same.

HOD

T.Z.Quazi

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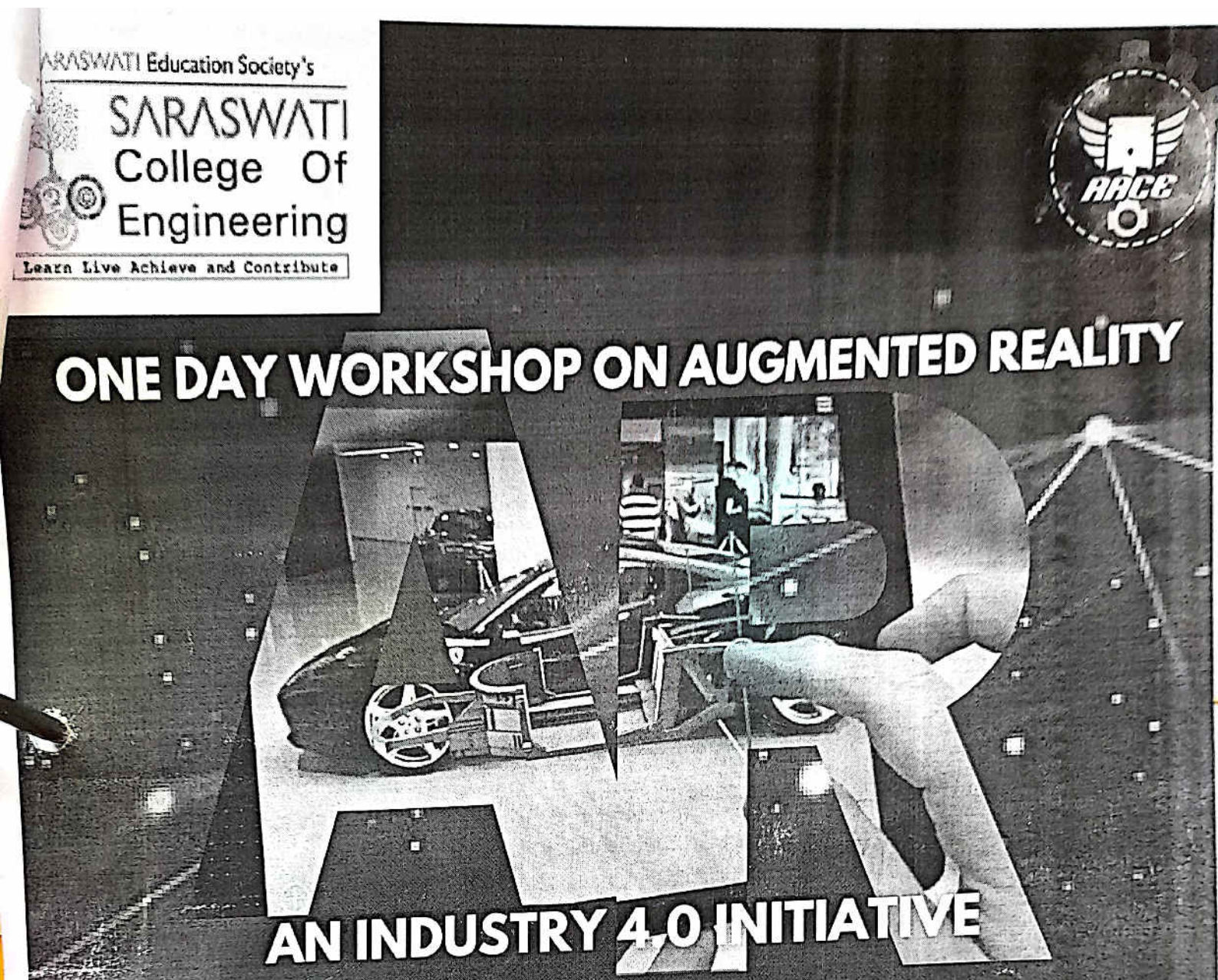
RACE

ONE DAY WORKSHOP ON AUGMENTED REALITY



AN INDUSTRY 4.0 INITIATIVE

GUEST: DR RAJESH BUKTAR,
PROFESSOR, SPCE, MUMBAI

DATE: 20TH MARCH 2021
(FULL DAY WORKSHOP)

REGISTRATION FEES: Rs 250/-

LIMITED SEATS ONLY

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WATI Education Society's

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RACE

ABOUT AUGMENTED REALITY WORKSHOP

Augmented Reality (AR) is a new technology. This technology helps the real & virtual world to co-exist together. This technology finds applications in various areas. This workshop can be a starting point to any one who is interested in carrying out Research & developing applications in AR. Participants will be exposed to the Software & Hardware used in Augmented Reality. This workshop will help the participants understand, How AR can be leveraged in Education as well as in Automobile & Auto Component industries.

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Date: 20th March 2021

Report

On

Augmented Reality and Digital Twin

A digital twin is a virtual representation that serves as the real-time digital counterpart of a physical object or process. Though the concept originated earlier (attributed to Michael Grieves, then of the University of Michigan, in 2002) the first practical definition of digital twin originated from NASA in an attempt to improve physical model simulation of spacecraft in 2010. Digital twins are the result of continual improvement in the creation of product design and engineering activities. Product drawings and engineering specifications progressed from handmade drafting to computer aided drafting/computer aided design to model-based systems engineering.

- **Automotive industry**

The automobile industry has been improved by digital twin technology. Digital twins in the automobile industry are implemented by using existing data in order to facilitate processes and reduce

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marginal costs. Currently, automobile designers expand the existing physical materiality by incorporating software-based digital abilities. A specific example of digital twin technology in the automotive industry is where automotive engineers use digital twin technology in combination with the firm's analytical tool in order to analyze how a specific car is driven. In doing so, they can suggest incorporating new features in the car that can reduce car accidents on the road, which was previously not possible in such a short time frame.

The characteristics of digital twin technology

Digital technologies have certain characteristics that distinguish them from other technologies. These characteristics, in turn, have certain consequences. Digital twins have the following characteristics.

- **Connectivity**

One of the main characteristics of digital twin technology is its connectivity. The recent development of the Internet of Things (IoT) brings forward numerous new technologies. The development of IoT also brings forward the development of digital twin technology. This technology shows many characteristics that have similarities with the character of the IoT, namely its connective nature. First and foremost, the technology enables connectivity between the physical component and its digital counterpart. The basis of digital twins is based on this connection, without it, digital twin technology would not exist. As described in the previous section, this connectivity is created by sensors on the physical product which obtain data and integrate and communicate this data through various integration technologies. Digital twin technology enables increased connectivity between organizations, products, and customers. For example, connectivity between partners in a supply chain can be increased by enabling members of this supply chain to check the digital twin of a product or

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asset. These partners can then check the status of this product by simply checking the digital twin.

Also, connectivity with customers can be increased.

Servitization is the process of organizations that are adding value to their core corporate offerings through services. In the case of the example of engines, the manufacturing of the engine is the core offering of this organization, they then add value by providing a service of checking the engine and offering maintenance.

- **Homogenization**

Digital twins can be further characterized as a digital technology that is both the consequence and an enabler of the homogenization of data. Due to the fact that any type of information or content can now be stored and transmitted in the same digital form, it can be used to create a virtual representation of the product (in the form of a digital twin), thus decoupling the information from its physical form. Therefore, the homogenization of data and the decoupling of the information from its physical artifact, have allowed digital twins to come into existence. However, digital twins also enable increasingly more information on physical products to be stored digitally and become decoupled from the product itself.

As data is increasingly digitized, it can be transmitted, stored and computed in fast and low-cost ways. According to Moore's law, computing power will continue to increase exponentially over the coming years, while the cost of computing decreases significantly. This would, therefore, lead to lower marginal costs of developing digital twins and make it comparatively much cheaper to test, predict, and solve problems on virtual representations rather than testing on physical models and waiting for physical products to break before intervening.

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Another characteristic that can be observed, is the fact that digital twin technologies leave digital traces. These traces can be used by engineers for example, when a machine malfunctions to go back and check the traces of the digital twin, to diagnose where the problem occurred. These diagnoses can in the future also be used by the manufacturer of these machines, to improve their designs so that these same malfunctions will occur less often in the future.

- **Modularity**

In the sense of the manufacturing industry, modularity can be described as the design and customization of products and production modules. By adding modularity to the manufacturing models, manufacturers gain the ability to tweak models and machines. Digital twin technology enables manufacturers to track the machines that are used and notice possible areas of improvement in the machines. When these machines are made modular, by using digital twin technology, manufacturers can see which components make the machine perform poorly and replace these with better fitting components to improve the manufacturing process.

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DEPARTMENT OF AUTOMOBILE ENGINEERING

AUGMENTED REALITY WORKSHOP

Date: 20 March 2021

Sr. No.	Year	Name Of Student	Attendance
1.	ME	Mayuresh Naikwade	Present
2.	ME	Munshi Talha Zainul Abid	Present
3.	ME	Ruchira Dhatrak	Present
4.	BE	Nikhil Manoj Shirsath	Present
5.	BE	Prathamesh Yedre	Present
6.	BE	Satej Dileep Vedpathak	Present
7.	TE	Agale Mayur Machindra	Present
8.	TE	Agrahari Tanuj Kumar Ganga Prasad	Present
9.	TE	Malusare Ajay Ganpat	Present
10.	TE	Prathamesh Shirodkar	Present
11.	TE	Vinay Ramkaran Verma	Present
12.	TE	Vishe Rohan Vijay	Present
13.	TE	Yash Prakash Alav	Present
14.	SE	Shubham Ghorpade	Present
15.	SE	Vignesh Tamse	Present
16.	DSE	Aatish Ramesh Gaikwad	Present
17.	DSE	Abhishek Sanjay Said	Present
18.	DSE	Anurag Haribhagwan Mali	Present
19.	DSE	Borkar Sanket Anant	Present
20.	DSE	Brid Tanmay Rajendra	Present
21.	DSE	Chavan Rohan Ravindra	Present
22.	DSE	Deore Kunal Anandsing	Present
23.	DSE	Jadhav Swanand Vijay	Present
24.	DSE	Khandare Darshan Rajan	Present
25.	DSE	Lokesh Jayprakash Shinde	Present
26.	DSE	Maladath Adarsh Sathyan	Present
27.	DSE	Mandavkar Deep Vijay	Present
28.	DSE	Mihir Masurkar	Present
29.	DSE	Patil Bhavesh Ramesh	Present
30.	DSE	Pawar Sahil Ashok	Present

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31.	DSE	Pranay Ashok Patil	Present
32.	DSE	Rupesh Vishwanath Kangane	Present
33.	DSE	Sanket Sanjay Patil	Present
34.	DSE	Tejas Subhash Parab	Present
35.	DSE	Varad Sanjay Bhadwalkar	Present
36.	DSE	Yadav Akash Suresh	Present

Race Coordinator
Chodankar Vishnudas

HOD(Automobile)
T.Z. Quazi

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CESA

EVENT REPORT

Name of event - A Webinar on "Civil Engineering and Infrastructure Development."
Location - Google meet & YouTube.
Organized by - CESA(Civil engineering students association)
Date- 22nd March 2021.

Event summary

The Civil engineering students association (CESA) of Saraswati College of Engineering, Kharghar, Navi Mumbai organized a webinar on;
'Civil Engineering & Infrastructure Development.' As we all are aware that civil engineers are responsible for the growth, development and advancement of Mega-structres and different types of civil works, hence this webinar shed a light on this important topic to guide the upcoming, next generation civil engineers.

Saraswati College of Engineering (SCOE) is a NAAC Accredited Leading engineering institution in NaviMumbai which is approved by AICTE, affiliated to University of Mumbai and recognized by Govt. of Maharashtra. SCOE aspires to be a leading academic and research organization with a dream and vision of creating a knowledgeable society.

The programme schedule was as such.

Welcome Addresser: **Jt. Event manager of CESA Akanksha Mane.**

Key Speaker: **Dr. Ajaykumar R. Kambekar**
M.Tech. (Civil Engg.-IITB), Ph.D. (Civil Engg.-IITB)
Associate Professor, Department of Civil Engineering
Currently Chairman PG Programmes, Former Dean Academics and Head CED
Bhartiya Vidya Bhavans, Sardar Patel College of Engineering,
(An Autonomous Institute affiliated to University of Mumbai)
Andheri (West), Mumbai 400 058, Maharashtra, India

Vote of thanks: **Prof. Pooja Somani**
HOD (Second Shift), Civil Engg. Dept., SCOE.

The Webinar was arranged for the students of Saraswati College of engineering, via an online platform, Google meet to attend this webinar and it was also casted over YouTube(live). The Technical team arranged the entire webinar online and helped this event to achieve the success.

Dr. Ajaykumar R. Kambekar began the webinar by introducing what the development in civil engineering and infrastructure means and then moved onto the solid and water waste management, how infrastructure is the key development to the upliftment of our society and other other country.

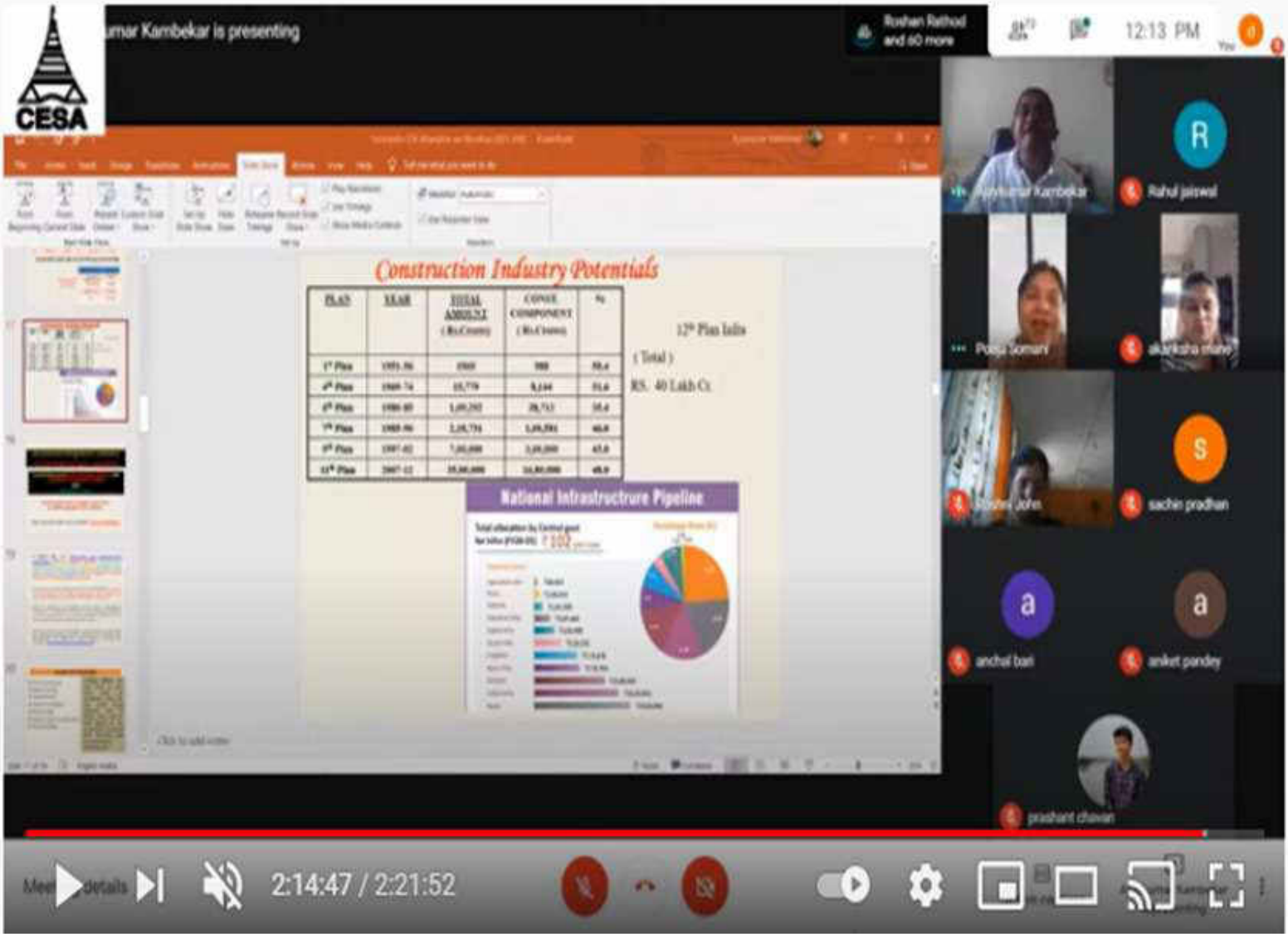
The webinar covered a lot of interesting and important topics:

- Solid and water waste management
- Infrastructure as the key role in development of the country
- Impact of infrastructure in the development of the country
- Indian market overview
- Construction industrial potential
- Infrastructure in Railways, Airways and Pipelines
- Role of civil engineers in infrastructure development
- Smart City features
- Population vs GDP
- Ports in India
- Speed breakers of time/cost overrun of projects
- Key infrastructure signpost critical for demand standpoint
- Growth and progression of NHAI construction
- Summary of projects under sagarmala
- Recent development and conclusion.

As all the key points were splendidly covered by Dr. Ajaykumar R. Kambekar, the webinar was followed for the vote of thanks, the HOD of 2nd shift, Prof. Pooja Somani stepped up and delightful concluded the webinar.

Student of CESA thank all the staff and the students who were present in the webinar and we promise to bring more of these webinars full of experience and knowledge.

Prof. Yugandhara Kasture	Prof. Pooja Somani.	Prof. Roshni John.
(CESA Coordinator)	(HOD Civil 2nd Shift)	(HOD Civil 1st Shift)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CESA
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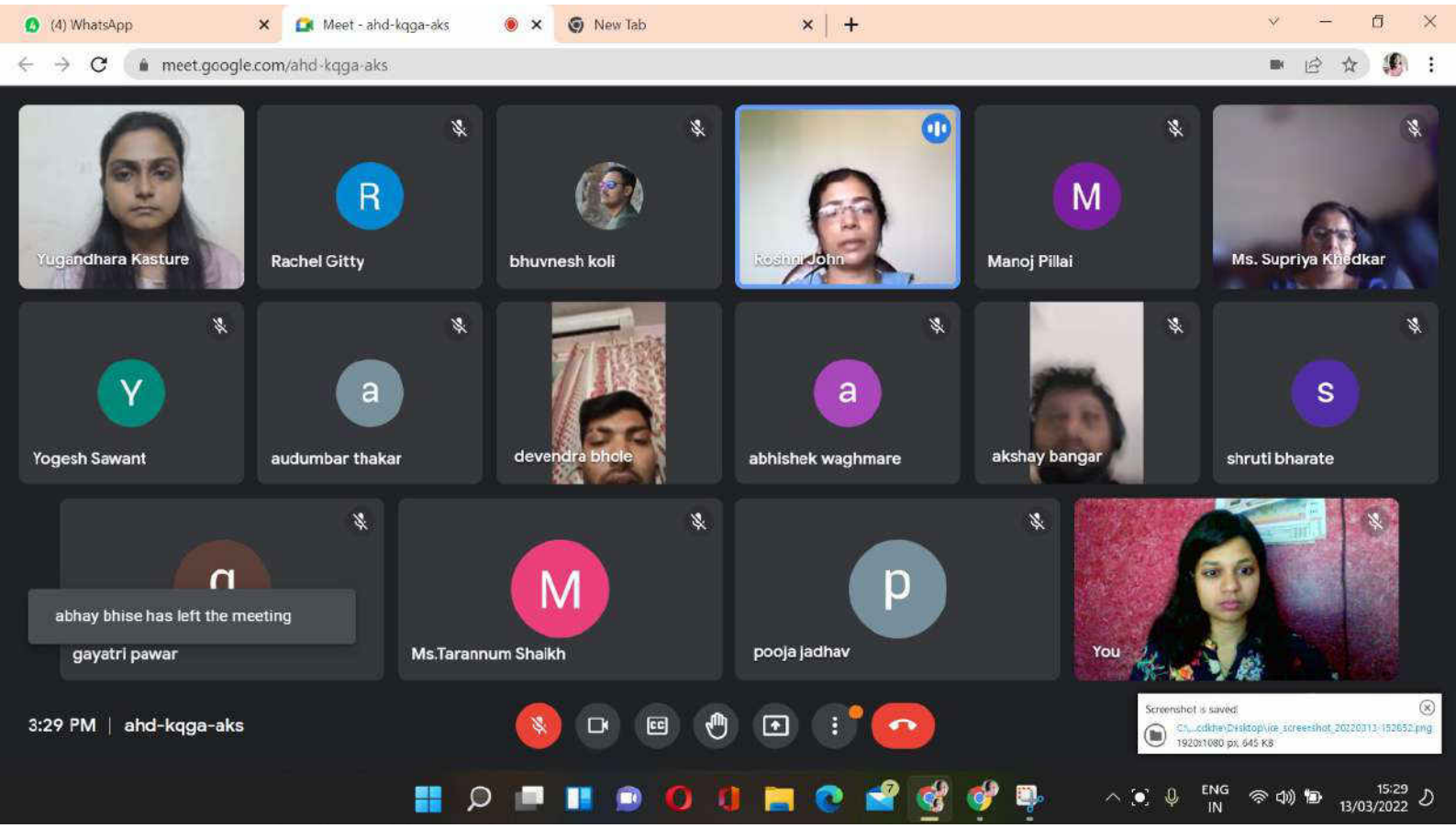
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Rachel Gitty
bhuvnesh koli
Roshni John
Manoj Pillai
Ms. Supriya Khedkar
Yogesh Sawant
audumbar thakar
devendra bhole
abhishek waghmare
akshay bangar
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Webinar Attendance

Timestamp	Email ID	Name of Student	Roll no	Div
22/3/2021 13:07:28	sushen.anerao19@civil.sce.edu.in	Anerao Sushen Dattatraya Mangal	1	A
22/3/2021 13:11:32	akanksha.rodge19@civil.sce.edu.in	AKANKSHA SUDHAKAR RODGE	76	B
22/3/2021 13:14:31	pranav.khade_dse21@civil.sce.edu.in	Khade pranav rajesh	44	B
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22/3/2021 13:21:18	dayanand.panaskar@civil.sce.edu.in	Panaskar Dayanand Narayan Suvarna	60	B
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22/3/2021 13:23:27	parkarsuhail10@gmail.com	Suhail Zainuddin parkar	29	A
22/3/2021 13:24:31	manoj.wagh19@civil.sce.edu.in	Wagh Manoj Ram	72	A
22/3/2021 13:24:42	aditi.gaikwad18@civil.sce.edu.in	Gaikwad Aditi Gorakh	9	A
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22/3/2021 13:36:21	rohit.choudhari_dse21@civil.sce.edu.in	Choudhari Rohit Moreshwar Madhavi	18	B
22/3/2021 13:36:21	anuj.padwal_dse21@civil.sce.edu.in	Padwal Anuj Mangesh Mamta	59	B
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22/3/2021 13:37:08	vighneshjadhav21@gmail.com	Vighnesh jadhav	48	A
22/3/2021 13:37:09	mrunmayi.shingade_dse21@civil.sce.edu.in	Mrunmayi Pundalik Shingade	60	A
22/3/2021 13:37:20	raj.acharya_dse21@civil.sce.edu.in	Acharya Raj Sanjivan rakhee	01	B
22/3/2021 13:37:21	prathamesh.shirgaonkar19@civil.sce.edu.in	Prathamesh Prabhakar shirgaonkar	61	A
22/3/2021 13:37:25	abdulbasit.khan_dse21@civil.sce.edu.in	KHAN ABDUL BASIT MUSHIR SHEHNAZ	46	B
22/3/2021 13:37:44	prashantpotkule5@gmail.com	prashant ananda potkule	72	B
22/3/2021 13:37:45	pandurang.shivgan_dse21@civil.sce.edu.in	SHIVGAN PANDURANG CHANDRAKANT	63	A
22/3/2021 13:37:47	cynthia.fernandes_dse21@civil.sce.edu.in	Fernandes Cynthia Michael	26	B
22/3/2021 13:37:50	sakshiniphadkar5@gmail.com	Niphadkar Sakshi Milind	49	A
22/3/2021 13:37:59	omkar.shinde_dse21@civil.sce.edu.in	Omkar mohan shinde	57	A

22/3/2021 13:38:12	vrushali.salokhe_dse@civil.sce.edu.in	Vrushali Rajender Salokhe	50	A
22/3/2021 13:38:31	pradnya.mhatre_dse21@civil.sce.edu.in	Mhatre Pradnya Prakash	57	B
22/3/2021 13:38:38	riteshrathod00@gmail.com	Ritesh Subhash Rathod	34	A
22/3/2021 13:38:43	rushikesh.deshmukh_dse21@civil.sce.edu.in	DESHMUKH RUSHIKESH DILIP	23	A
22/3/2021 13:38:45	158harsh@gmail.com	Kharpure Harsh Vikas	16	A
22/3/2021 13:38:55	gharatadheeraj@gmail.com	GHARAT ADHEERAJ SHAILESH	10	A
22/3/2021 13:38:55	pratik.awale_dse21@civil.sce.edu.in	PRATIK ASHOK AWALE	03	B
22/3/2021 13:39:02	sumit.jadhav18@civil.sce.edu.in	JADHAV SUMIT SEVAK SEEMA	13	A
22/3/2021 13:39:04	akshay.bangar_dse21@civil.sce.edu.in	BANGAR AKSHAY ASHOKKUMAR	77	A
22/3/2021 13:39:12	pawaleomsai@gmail.com	pawale omsai madhular	31	A
22/3/2021 13:39:20	harshali.warangade19@civil.sce.edu.in	WARANGADE HARSHALI VISHNU	75	A
22/3/2021 13:39:24	prathmesh.gharge19@civil.sce.edu.in	GHARGE PRATHAMESH SACHIN	78	B
22/3/2021 13:39:27	nayan.patil_dse21@civil.sce.edu.in	NAYAN PRAVIN PATIL	65	B
22/3/2021 13:39:29	yash.jadhav19@civil.sce.edu.in	YASH DHONDIBA JADHAV	37	B
22/3/2021 13:39:33	aditi.jadhav_dse21@civil.sce.edu.in	JADHAV ADITI GAUTAM ANUSHREE	33	B
22/3/2021 13:39:36	iptesarthak@gmail.com	IPTE SARTHAK SANTOSH SANGITA	32	B
22/3/2021 13:39:37	jayesh.pawar18@civil.sce.edu.in	Jayesh Subhash Pawar	69	B
22/3/2021 13:39:46	aniket.divekar@civil.sce.edu.in	DIVEKAR ANIKET DAGADU	25	B
22/3/2021 13:39:47	tejas.shinde18@civil.sce.edu.in	SHINDE TEJAS VINAYAK	41	A
22/3/2021 13:39:49	bhavesh.koti19@civil.sce.edu.in	Bhavesh baswaraj koti	18	A
22/3/2021 13:39:51	aditya.gundla_dse21@civil.sce.edu.in	GUNDLA ADITYA RAJKUMAR SULOCHANA	30	B
22/3/2021 13:39:52	nikhil.kamble18@civil.sce.edu.in	KAMBLE NIKHIL BHARAT SHITAL	42	B
22/3/2021 13:39:53	prathamesh.chaturvedi19@civil.sce.edu.in	Prathamesh Rajeshwarprasad Chaturvedi	14	B
22/3/2021 13:39:54	minakshi.mote18@civil.sce.edu.in	Minakshi Annasaheb Mote	78	A
22/3/2021 13:40:27	omkar.khanvilkar_dse21@civil.sce.edu.in	KHANVILKAR OMKAR PRADIP PRANAVI	47	B

22/3/2021 13:40:28	suraj.kamble19@civil.sce.edu.in	Suraj Rangnath Kamble	40	A
22/3/2021 13:40:30	sourabh.jain_dse21@civil.sce.edu.in	JAIN SOURABH SURESH SEEMA	38	B
22/3/2021 13:40:33	anuja.deokar19@civil.sce.edu.in	DEOKAR ANUJA TANAJI	21	B
22/3/2021 13:40:48	pratham.todankar_dse21@civil.sce.edu.in	Todankar Pratham manoj	71	A
22/3/2021 13:40:53	akash.kokare19@civil.sce.edu.in	AKASH ANANDRAO KOKARE	51	B
22/3/2021 13:41:05	gayatri.pawar19@civil.sce.edu.in	PAWAR GAYATRI RAMESH	68	B
22/3/2021 13:41:08	simran.kodare_dse21@civil.sce.edu.in	KODARE SIMRAN BHASKAR BHAVIKA	50	B
22/3/2021 13:41:21	pooja.jadhav19@civil.sce.edu.in	Pooja N Jadhav	34	B
22/3/2021 13:42:17	vandit.kubal19@civil.sce.edu.in	Kubal Vandit Prakash	53	B
22/3/2021 13:42:26	meghal.sathe19@civil.sce.edu.in	SATHE MEGHAL MARUTI MINAL	52	A
22/3/2021 13:42:27	aishwarya.suwar_dse21@civil.sce.edu.in	Suwar Aishwarya sudhakar Sangita	67	A
22/3/2021 13:42:31	ravindra.jadhav_dse21@civil.sce.edu.in	RAVINDRA SURESH JADHAV	36	B
22/3/2021 13:42:39	vinay.bandre_dse21@civil.sce.edu.in	BANDRE VINAY VINOD VINAYA	05	B
22/3/2021 13:42:48	satvikpawar23@gmail.com	Pawar Satvik Shivaji	47	A
22/3/2021 13:43:01	hrishikesh.patil_dse21@civil.sce.edu.in	Hrishikesh Dilip Patil	64	B
22/3/2021 13:43:20	harshavardhan.papardekar19@civil.sce.edu.in	Harshavardhan Ashok Papardekar	27	A
22/3/2021 13:43:58	sanket.parit_dse21@civil.sce.edu.in	PARIT SANKET NAMDEV	62	B
22/3/2021 13:43:59	jeet.shelar19@civil.sce.edu.in	SHELAR JEET MADAN	55	A
22/3/2021 13:44:21	vishakha.shinde19@civil.sce.edu.in	Shinde vishakha shrimant	59	A
22/3/2021 13:44:32	karuna.raute_dse21@civil.sce.edu.in	RAUT KARUNA PRABHAKAR	75	B
22/3/2021 13:44:41	thakursachinst.a02@gmail.com	Thakur Sachin Sunil	69	A
22/3/2021 13:44:41	rohit.singh19@civil.sce.edu.in	Singh Rohit Ravindra	42	A
22/3/2021 13:45:24	shruti.bharate19@civil.sce.edu.in	BHARATE SHRUTI ASHOK VAISHALI	09	B
22/3/2021 13:45:33	abhay.bhise_dse21@civil.sce.edu.in	BHISE ABHAY UDAY SUNITA	10	B
22/3/2021 13:45:38	prathmesh.jadhav19@civil.sce.edu.in	JADHAV PRATHAMESH SHRAVAN MANISHA	35	B
22/3/2021 13:46:30	mahfooz.ansari_dse20@civil.sce.edu.in	MAHFUZ ALAM ALAMGEER	55	A

SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

EXTC DEPARTMENT

Date 14/01/2019

NOTICE

All staff of EXTC department are here by informed that, we are arranging "International Conference on sustainability development with recent trends & Advances in engineering to support Make in India" initiative [ICSRTAE-2021] on 7th May 2021, all interested staff can give their name to Coordinators (Prof. Rajashri Narwade, Prof. Sneha Burnase).

HOD EXTC

SARASWATI Education Society's

SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

EXTC DEPARTMENT

Date 06/05/2021

To

The HOD Madam,

Subject- Permission for "International Conference on sustainability development with recent trends & Advances in engineering to support Make in India" initiative [ICSRTAE-2021] on 7th May 2021.

Respected madam,

We are arraigning "International Conference on sustainability development with recent trends & Advances in engineering to support Make in India" initiative [ICSRTAE-2021] on 7th May 2021 for all our and other college's EXTC students ,so kindly give the permission.

Note: Attached is the boucher for [ICSRTAE 2021]

Thanking You.

Coordinators: (Prof. Rajashri Narwade, Prof. Sneha Burnase).

HOD EXTC

International Conference on Industry 4.0 - Advanced Information and Communication Technologies

May 7th, 2021

REGISTRATION FORM

Full Name: _____

Designation: _____

Qualification: _____

Institution: _____

Address: _____

Contact Number: _____

Email: _____

Paper ID: _____Title of Paper: _____

_____

Transaction ID/Cheque/ DD No.: _____

Amount: _____ Bank: _____

Dated__ /__ /___ is drawn in favor of "Saraswati College of Engineering"

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Electronic Transfer Details:
Bank Name: Punjab National Bank, Kharghar, Navi Mumbai
A/C Holder Name: R AND D SARASWATI COLLEGE OF ENGINEERING
A/C No: 4510000100062762
ISFC Code: PUNB0451000

Signature of the Applicant
Date & Place:

Contact Persons:

Prof. Rina Bora (9987496806)
Prof. Ragini Sharma (8275093398)
Prof. Rajashri Narwade (9821709470)

Book-Post/ Haul Delivery

ICAICT-2021

SARASWATI Education Society's SARASWATI College of Engineering Learn Live Achieve and Contribute

International Conference on Industry 4.0 – Advanced Information and Communication Technologies

May 7th, 2021

To,

From,
Dr. Manjusha Deshmukh
Principal & Conference Chair

SARASWATI College of Engineering
Plot No. 46, Behind MSEB Station,
Sector-05, Kharghar, Navi Mumbai-410210
Phone: (022)27743706-08
https://www.sce.edu.in

(If undelivered return to the address above)

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CSI Best Institute Award 2019 – Innovative pedagogical approaches and tools

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in Association with

University of Mumbai

Presents

International Conference on Industry 4.0 – Advanced Information and Communication Technologies

May 7th, 2021

Organised By,

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Plot No. 46, Behind MSEB Station,
Sector-05, Kharghar,
Navi Mumbai-410210
www.sce.edu.in
Phone: (022)27743706-08,
Fax: (022)27743712

ELSEVIER

WEB OF SCIENCE

About SCOE

Saraswati College of Engineering is a leading Engineering Institute, Established in the year 2004 by Hon. Prithvirajji Deshmukh and Mrs. Vrushali Deshmukh. The college is Approved by AICTE, New Delhi and affiliated to University of Mumbai, India.

Objective of the Conference

ICAICT is a premier International Conference being organized on 7th May 2021 at Kharghar, Navi Mumbai, India. Emergence of various technologies in the modern time has become inevitable. We have to be competent enough to compete with the present and the future global market which is dynamic in nature and as touched high scales of excellence. Hence, a conference on ICAICT 2021 will result in an improved awareness about the implications of the rise of new digital industrial technology, known as ICAICT 2021. The conference also aims at encouraging the faculty for engaging in more and more research in particular and creating an environment promoting research in every field of ICAICT 2021.

Registration Fees

CATEGORY	INDIAN DELEGATES	FOREIGN DELEGATES
Students/ Research Scholars	Rs. 1,000/-	14 $
Academician	Rs. 1,200/-	17 $
Delegates from Industry	Rs. 2,000/-	28 $

Important Dates

Submission of Full Paper	April 7th, 2021
Notification of Acceptance	April 15th, 2021
Last Date of Registration	April 22th, 2021

Submission should be made via Easy Chair

The submission link for ICAICT 2021 is:

https://easychair.org/conferences/?conf=icaict2021

For more details visit website:

www.sce.edu.in/ICAICT

Or Email ID: **icaict2021@gmail.com**

Mention the track name for your paper in header of the paper

Selected quality papers will be published in SCOPUS Indexed Journal and Web of Science Journals subject to acceptance (*with applicable fees)

Patrons

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Hon. Vrushali. P. Deshmukh

Conference Chair

Dr. Manjusha Deshmukh

Program Chairs

Dr. Sheetal Bukkawar

Prof. Suhasini Parvatikar

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Prof. Sujata Bhairnallykar

Dr. Sayali Choudhari

Organizers

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Prof. Rajashri Narwade

Prof. Sneha Burnase

Prof. Rina Bora

Prof. Arpita Saxena

Prof. Navdeep Bagga

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Mr. Mohammed Al Nabtiti, Business Technology and Innovation, Bee'ah, United Arab Emirates.

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Dr. Sinora Avraham, Sr. Computer Vision Engineer at Memomi Labs Inc., Israel.

Dr. Dharmendra Sharma Distinguished, Professor, Computer Science, University of Canberra, Australia.

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Dr. Jagdish. W. Bakal, Principal, SSJCOE.

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Dr. Nupur Giri, Professor & HOD Computer dept., VESIT.

Dr. Ravindra Kumar Yadav, Professor & HOD ECE, RKGIT, Ghaziabad

Dr. Dinesh Yadav, Joint Secretary, IEEE Rajasthan Subsection, Manipal University Jaipur.

We welcome submissions in the following areas:

Track 1 – Artificial Intelligence & Intelligent Machining

- Deep Learning
- Neural Networks
- Fuzzy Logic
- Expert Systems
- Agents and Multi-Agent Systems
- Natural Language Processing
- Data Mining
- Support Vector Machines
- Ambient Intelligence
- Sentimental Analysis
- Human Computer Interaction
- Medical Diagnosis
- Augmented Reality
- Virtual Reality
- Geographic Information

Track 2– Cloud Computing & Big Data Analysis

- Quantum Computing
- Cloud Computing
- Grid Computing
- Internet of Things (IOT)
- Data Analytics
- Big Data

Track 3 – Communication Networks & Cyber Security

- Cyber Security
- Wireless/ Mobile Communication
- 3G/4G/5G Network Evolutions
- Sensing and Sensor Networks
- Open Spectrum Solutions
- Cognitive Radio
- Mobile Apps

Track 4 – E- Learning

- E- Learning Tools
- Educational Systems Design
- Delivery Systems and Environment
- E- Learning Organisational Issues
- Cognitive Radio
- Mobile Apps

Track 5 – Biotechnology and Healthcare System

- AI in Medical Field & Dental
- Block Chain for Healthcare
- Internet of Medical Things (IOMT)
- Predictive Analysis
- Drug Management
- Smart Biosciences
- Medical Robots

Note: The topics are not limited and can be extended in the given tracks.

The paper must be conforming to IEEE double column paper format.

सह वीर्यं करवावहै

Learn Live Achieve and Contribute

Date:7/5/2021

Inauguration Ceremony

SR. NO	INDIAN TIME	DESCRIPTION	
1	10.00A.M.-10.10A.M.	Welcome Speech	Prof. Pooja Somani (HOD ,Civil Shift II)
2	10.10A.M.-10. 15A.M	Conference Chair-Speech	Dr. Manjusha Deshmukh (Principal,SCOE)
3	10.15A.M.-10.45A.M.	Chief Guest and Keynote Speaker Talk	Dr. Iyyanki Murali Krishna Former Professor & Director (RND), JNT university & Raja Ramana DRDO Distinguished fellow,Hyderabad
4	10.45A.M.-10.50A.M.	Vote of Thanks	Dr. Sheetal Bukkawar (Dean Admin)

Link to Join:
Join Zoom Meeting
https://us02web.zoom.us/j/87603932534?pwd=eWN2WmphczB0T3NQa2JENG55OG5Fdz09

Meeting ID: 876 0393 2534
Passcode: 411221

11.00 am. Keynote Speech by Dr. Sinora Avraham , Sr. Computer Vision Engineer at Memomi Labs Inc. Israel
Topic: "Emerging trends in AI/Machine Learning: Combat COVID-19"

Date: - 7/5/2021

Track 1: Artificial Intelligence & Deep learning (Computer engg.)
Session In-charge: Prof. Reena Bora (contact no: 9987496806)

SR. NO	PAPER ID	DURATION			TITLE	AUTHORS
		11.45 AM			Inauguration of session and introduction	
1	icaict_7	11.50 am	8	min	Predicting Employees Performance using Data Mining Techniques	Samruddhi Gavas, Darshan Oswal and Ronish Rathod
2	icaict_8	12.00 noon	8	min	Convolution Neural Network Model for Intrusion Detection in Network	Shanthi Therese, Akash Chhabra, Shikhar Choudhry and Abhishek Chaturvedi
3	icaict_12	12.10 pm	8	min	Google Play Store Analysis using Machine Learning	Kaushal Gadaria, Prathamesh Chavan and Dheeraj Deore
4	icaict_14	12.20 pm	8	min	Facial Image Analysis for Identification of Gender - A Machine Learning based Approach	Aruna Bhat
5	icaict_17	12.30pm	8	min	Emotion based music player	Akanksha Galwe, Madhura Gijam, Darshita Gilda and Supriya Joshi
6	icaict_20	12.40pm	8	min	A Machine Learning Technique to Predict the Breast Cancer at Early Stage to Improve the Survivability	Kommanaboyina Sai Vijaya Lakshmi, Kunchala Little Flower and Gavini G Krishna Kanth
7	Comp_3	12.50 pm	8	min	Secure File Storage over Inter Planetary File System(IPFS)	Mitesh Metha, Dnyanesh Waghulde, Monali Deshmukh

8	Comp_11	**1 pm**	**8**	**min**	Voice Controlled Robot Using Raspberry pi 3b+	Vikash Sharma, Vrutik Parvadiya , Rohan Naik
9	Comp_16	**1.10 p.m.**	**8**	**min**	Face Recognition of Criminals and Missing Individuals	Anjali D. Jaiswal, Ananya V. Kamalapur, Kunal R. More, Sujata Bhairnallykar
10	icaict_48	**1.20**	**8**	**min**	A Study of Block Chain Based Security Architecture for Online Education	Dr. Shaji N Raj ,Dr. Sreeja S.R
		1.30 P.M.			**Vote of Thanks**	
Link to Join Track 1: https://meet.google.com/ktz-susd-wmo						

INTERNATIONAL CONFERENCE ON INDUSTRY 4.0
Advanced Information and Communication Technologies
ICAICT-2021
7th May 2021
Saraswati College of Engineering, Plot no 46/46A sector-5, Kharghar, Navi-Mumbai-410210,
Ph.022-27743706/07/08 Fax. No 022-27743712

Date: - 7/5/2021

Track 2& 3: Cloud Computing & Big data Analysis & Communication Networks & Cyber Security (IT)
Session In-charge: Prof. Navdeep Bagga (Contact no.7719067776)

SR. NO	PAPER ID	DURATION			TITLE	AUTHORS
		11.45 AM			Inauguration of session and introduction	
1	icaict_25	11.50 am	8	min	Design of Solar Panel cleaning robot	Aniket Ware and Parag Sane
2	icaict_31	12.00 noon	8	min	Convex Hull:Applications and Dynamic Convex Hull	Sahil Verma, Nishant Nijhawan, Vinod Kumar and Mahima
3	icaict_32	12.10 pm	8	min	Human Retention Using Data Science	Sharayu Kavitkar, Rutuja Powar and Divyesh Patil
4	icaict_27	12.20 pm	8	min	Access Control Model Based On Role And Attribute For Secured Application.	Ashwini Parkar and Madhuri Gedam
5	icaict_29	12.30 pm	8	min	Threats and Attacks on WirelessHART Network in Industrial Control Systems	Mukund Bhole and Vinod Pachghare
6	IT_6	12.40 pm	8	min	3 D Architectural Model using Augmented Reality	Amit Arvind Bobade Pratiksha Rajesh Dabhade Pranav Devji Dhamne Mr. Praveen Shinde

7	IT_11	12.50 p.m.	8	min	AgriApp: Online Trading Application	Amit Ashok Dubey Divyank Dinesh Singh Mahesh Shivshaym Singh Mrs. Vaishali Pralhadrao Jadhav
8	IT-18	1 pm	8	min	Smart Board for Interactive Learning	Suhail Makbul Barmare Rhutuja Raghu Dorlekar Vrushab Krishana Basutkar Mrs. Anuradha Dandwate
9	icaict_45	1.10 pm	8	min	Improved Double Layer Encryption Algorithm of Secret codes in Stegnography	J. Dhiviya Rose, Isha Mittal, Ramya Mihir, Shubangi Gupta , Sahil Verma
10	icaict_44	1.20 pm	8	min	Android Sentence Framer Application	Prof. Mandar Ganjapurkar, Prof. Suman Bhujbal, Jagruti Shinde, Neha Sonawane, Imran Sayed
		1.30 P.M..			Vote of Thanks	
Meeting Link to Join Track 2&3: https://meet.google.com/fog-cjzm-uyo						

Date: - 7/5/2021

Track 1& 5: Artificial Intelligence & Deep learning & Biotechnology and Healthcare Systems (E & TC)
Session In-charge: Prof. Sneha Burnase (contact no.9561477587)

SR. NO	PAPER ID	DURATION			DESCRIPTION	AUTHORS
		11.45 AM			Inauguration of session and introduction	
1	icaict_4	11.50 am	8	min	An Automated System to Limit the Spread of COVID-19 Using Screening BOT	Dhirendrakumar Rajak,Pratik Mevada, Yash Nandgaonkar, Yash Nandgaonkar, Priynka Sharma
2	icaict_11	12.00pm	8	min	Sentimental Analysis Using Hybrid Feature Extraction For Hotel Reviews	Shivam Naik, Akshay Sawant, Swapnil Gawade and Madhu Nashipudimath
3	icaict_16	12.10 pm	8	min	Overview Related Medical Record Sharing Using Blockchain Technology- A Study	Priyanka Sonar and Jayamalini K
4	icaict_36	12.20pm	8	min	Earthquake detection and alerting system	Dipesh Gupta, Abhishek Hadawale and Nikhil Chauhan
5	icaict_37	12.30 pm	8	min	Blockchain Based Evoting System	Pravin More, Deepesh Patil and Nikhil Patil
6	icaict_42	12.40 pm	8	min	A Study And Comparative Analysis On Web Personalization Techniques	Nipun Bansal, Shipra Choudhary and Utkarsh Patiyal
7	icaict_46	12.50 pm	8	min	Design Of Metamaterial Based Microstrip Patch Antenna For Brain Tumor Detection	Dr.N.M.Mary Sindhuja, K.Deepika, V.MeeraDevi, M.Ganka Devi, M.Ananthi

8	EXTC_21	1 pm	8	min	Music on mood using AI and image processing	Sagar sunil Dubey, Mitesh Birru, Aashuli Sahare, Rahul Mhatre.
9	EXTC_6	1.10 pm	8	min	Smart cloth bag vending Machine	Bipin Yadav,Shreya Mankar,Prachi Bhapkar, Dipesh Yadav
10	EXTC_12	1.20 pm	8	min	Trash collection and sanitization robot / Trashbot	Sheetal Baratam, Bhujawadkar Manali Mohan, Kodgule Siddhi praveen, Patel Priya Ambalal
		1.30 P.M.			**Vote of Thanks**	

Link to Join Track 5: Join Zoom Meeting
https://us02web.zoom.us/j/87603932534?pwd=eWN2WmphczB0T3NQa2JENG55OG5Fdz09

Meeting ID: 876 0393 2534
Passcode: 411221

Steps to follow for Google Meet App

1. Click on given link
2. Open APP- Click on join Meeting.
3. Enter Meeting with paper id (To change the name in google meet go to setting->personal info-> edit name and save)
4. Congratulations!! You have joined meeting successfully.
5. At the time of your presentation click on “Present Screen” which appears bottom of the screen.
6. After ending your presentation Click on “Stop Sharing”.

**** Pls once you configure then test also by clicking on new meeting… and having a conference call with your friend.**

Program Chair

Principal SCOE

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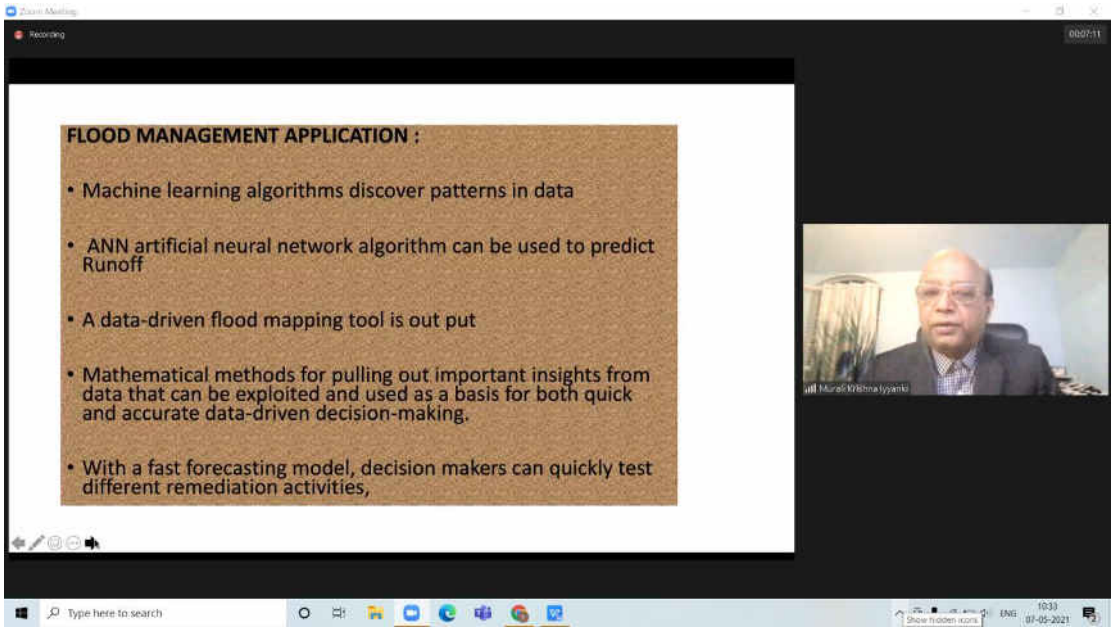
Kharghar, Navi Mumbai - 410 210.

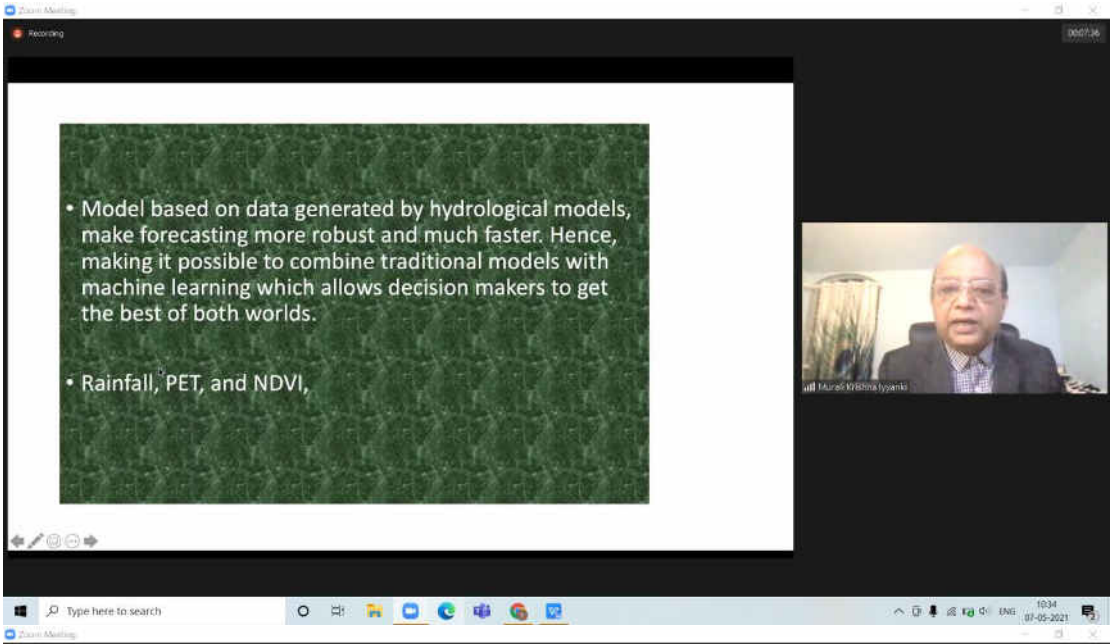
Report on "International Conference on advance information and communication Technologies[ICAICT-2021]"

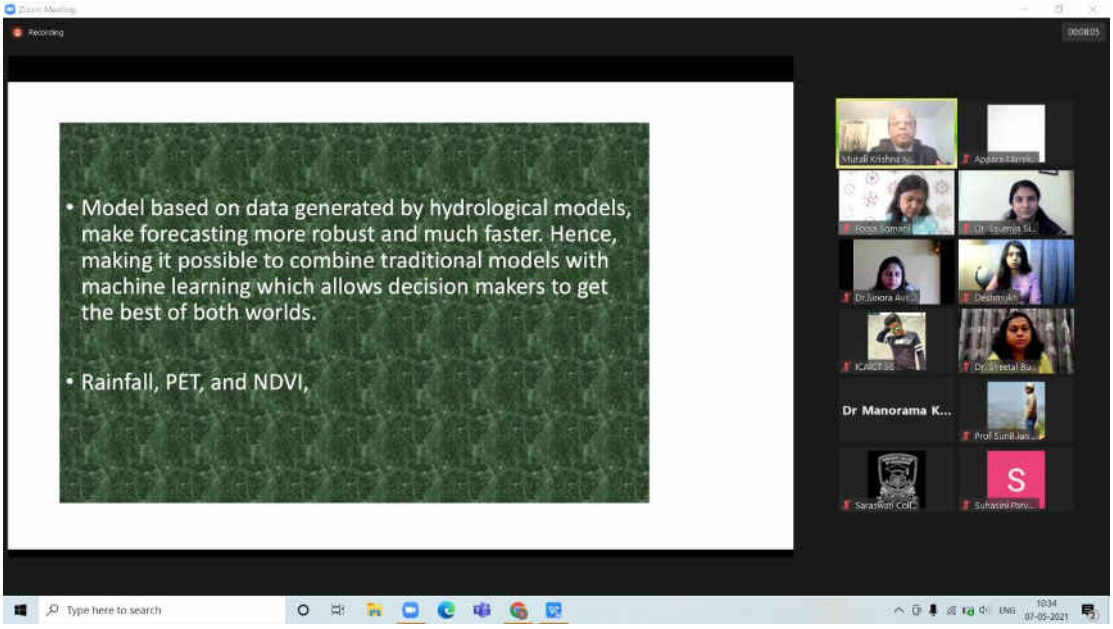
Saraswati College of Engineering is one of the renowned institutes in Mumbai University in terms of academics, publications and Research & Development activities. The college is organised Two International conference for Comp/IT/Extc titled as "**International Conference on advance information and communication Technologies[ICAICT-2021]**"& Civil/Auto/Mech titled as "**International Conference on sustainability development with recent trends & Advances in engineering to support "Make in India" initiative[ICSRTAE-2021]**" on 7th May 2021.The event is expected to provide an interactive platform to engineers ,scientist ,teachers, researchers & students in areas of Artificial intelligence, Machine Learning, Cloud Computing ,Cyber Security, Biotechnology & healthcare for comps/IT/Extc and also Green Technology, Sustainable Construction & manufacturing, Innovative business process, Next Generation Technologies for Civil/Auto/Mech. The theme of conference is chosen in fields of recent trends which have changed life. Dr. Murali Krishna Iyyanki was the keynote speaker and he explained AI and Geospatial Ai based Approaches in Civil and Public health engineering. In ICAICT-2021Dr. Sinora Avraham, Team Leader of Architecture Product/Artificial Intelligence at Nir Vered Engineering | Israel was invited as keynote speaker and she explained various aspects of Artificial intelligence in medical fields related to the current situation. Dr. Sinora Avraham, also worked as Sr. Computer Vision Engineer/ Fashion–AR AI Engine Memomi Research Labs /Israel/From 2018 – To 2020. Here she developed physics and pixel based algorithm, developed a realistic and personalized augmented reality experience on all platforms.

She also worked as, Algorithm Engineer/ Healthcare Product CMS Better life |Israel| from 2017–To 2018 Solutions for seniors and dependents. Here she developed Artificial Intelligence software supporting social worker hospitals in

Industry 4.0 Screen shots




Recording
• Model based on data generated by hydrological models, make forecasting more robust and much faster. Hence, making it possible to combine traditional models with machine learning which allows decision makers to get the best of both worlds.
• Rainfall, PET, and NDVI,
Type here to search


Recording
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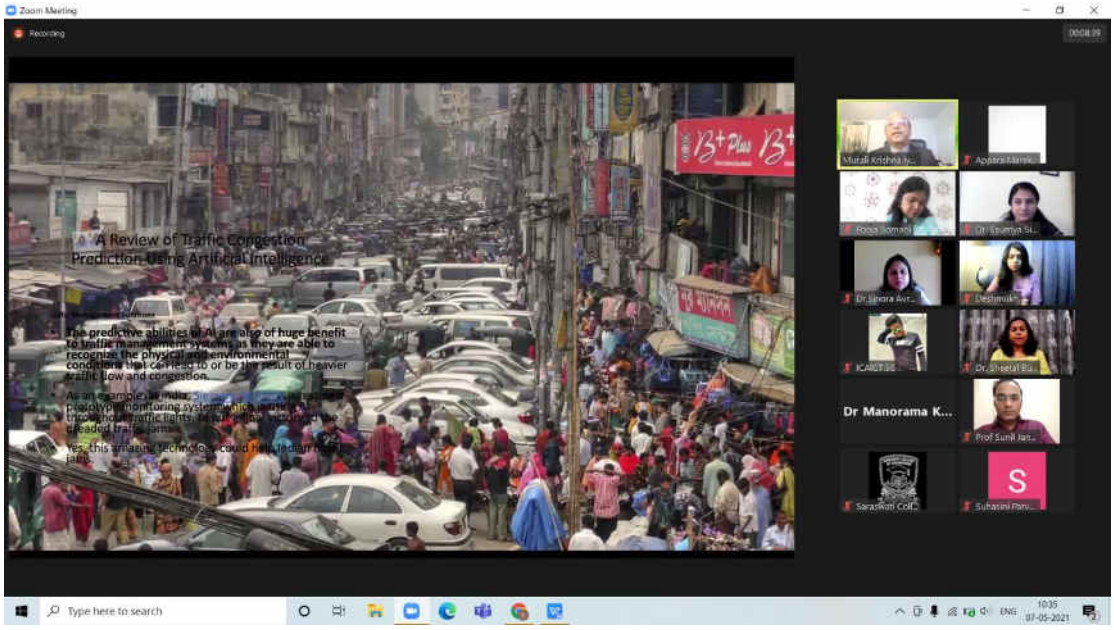
• Rainfall, PET, and NDVI,
Dr Manorama K...
Type here to search


Zoom Meeting
Recording
A Review of Traffic Congestion Prediction Using Artificial Intelligence
The predictive abilities of AI are also of huge benefit to traffic management systems as they are able to recognize the physical and environmental conditions that can lead to or be the result of heavier traffic flow and congestion.
Dr Manorama K...
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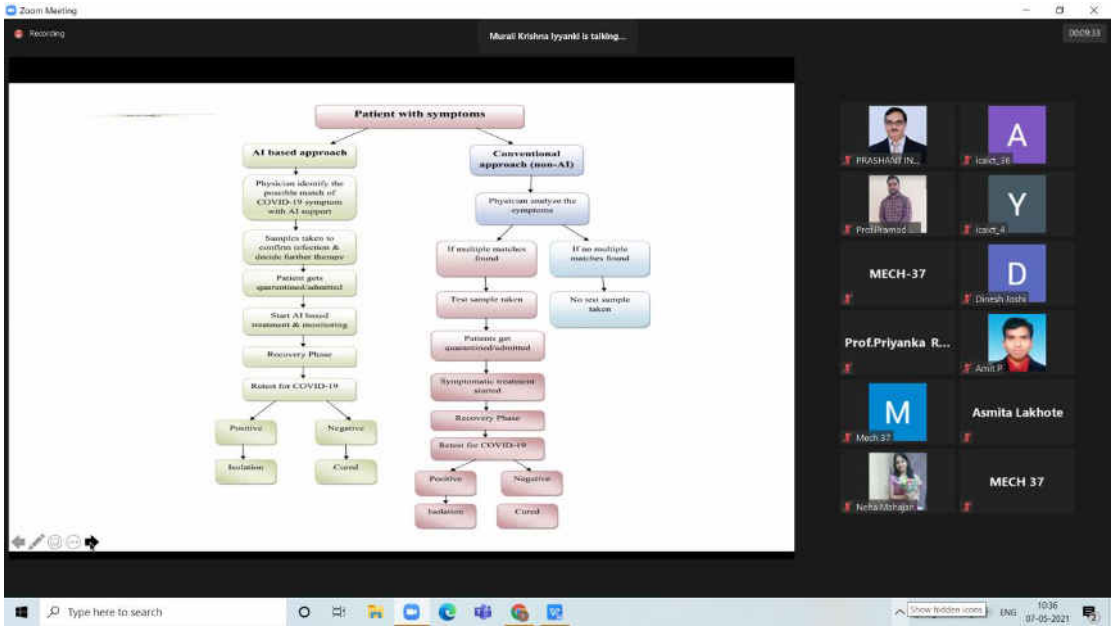
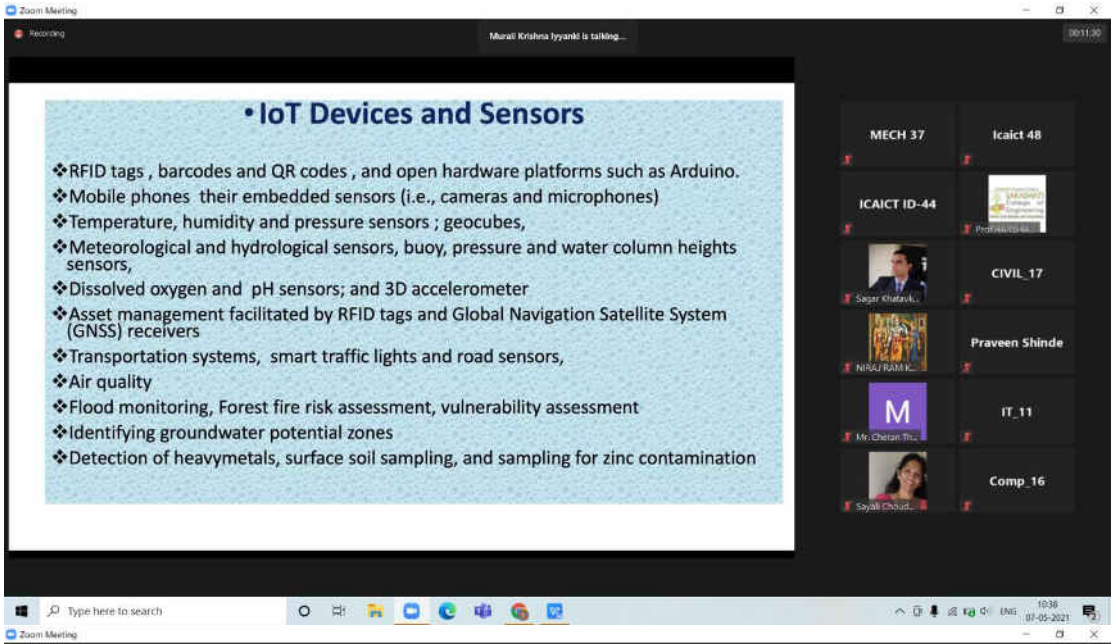

Zoom Meeting
Recording
Murali Krishna Iyyanki is talking...
Patient with symptoms
AI based approach
Conventional approach (non-AI)
Physician identify the possible match of COVID-19 symptom with AI support
Samples taken to confirm infection & decide further therapy
Patient gets quarantined/admitted
Start AI based treatment & monitoring
Recovery Phase
Retest for COVID-19
Positive
Negative
Isolation
Cured
Physician analyze the symptoms
If multiple matches found
If no multiple matches found
Test sample taken
No test sample taken
Patients get quarantined/admitted
Symptomatic treatment started
Recovery Phase
Retest for COVID-19
Positive
Negative
Isolation
Cured
MECH-37
Prof.Priyanka R...
Asmita Lakhote
MECH 37
Type here to search


Zoom Meeting
Recording
Murali Krishna Iyyanki is talking...
• IoT Devices and Sensors
❖RFID tags , barcodes and QR codes , and open hardware platforms such as Arduino.
❖Mobile phones their embedded sensors (i.e., cameras and microphones)
❖Temperature, humidity and pressure sensors ; geocubes,
❖Meteorological and hydrological sensors, buoy, pressure and water column heights sensors,
❖Dissolved oxygen and pH sensors; and 3D accelerometer
❖Asset management facilitated by RFID tags and Global Navigation Satellite System (GNSS) receivers
❖Transportation systems, smart traffic lights and road sensors,
❖Air quality
❖Flood monitoring, Forest fire risk assessment, vulnerability assessment
❖Identifying groundwater potential zones
❖Detection of heavymetals, surface soil sampling, and sampling for zinc contamination
MECH 37
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ICAICT ID-44
CIVIL_17
Praveen Shinde
IT_11
Comp_16
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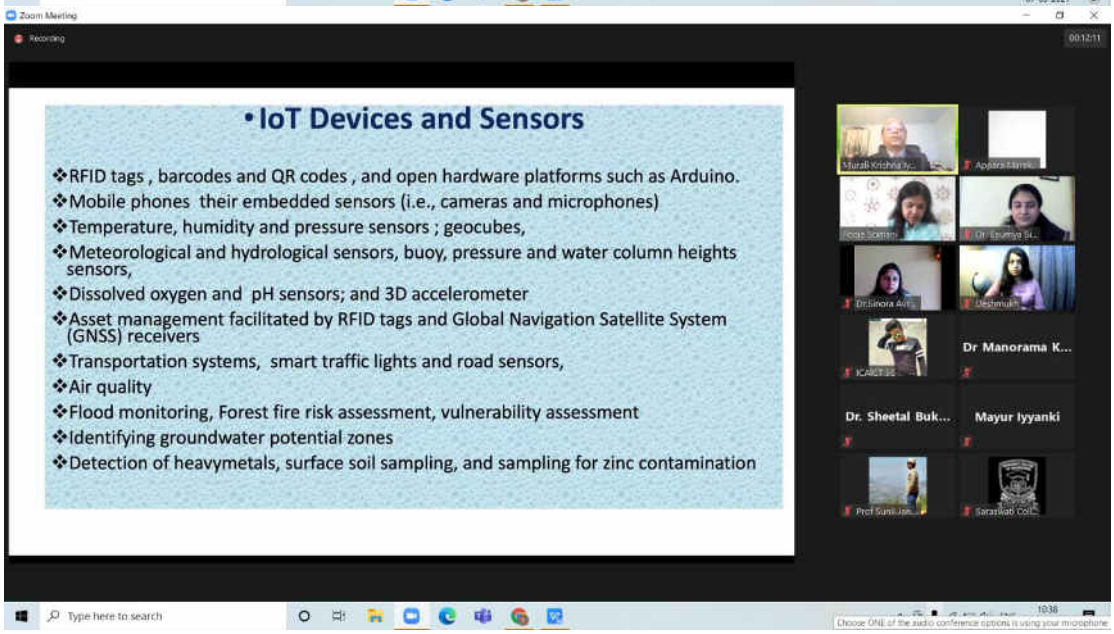
Zoom Meeting
Recording
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❖Mobile phones their embedded sensors (i.e., cameras and microphones)
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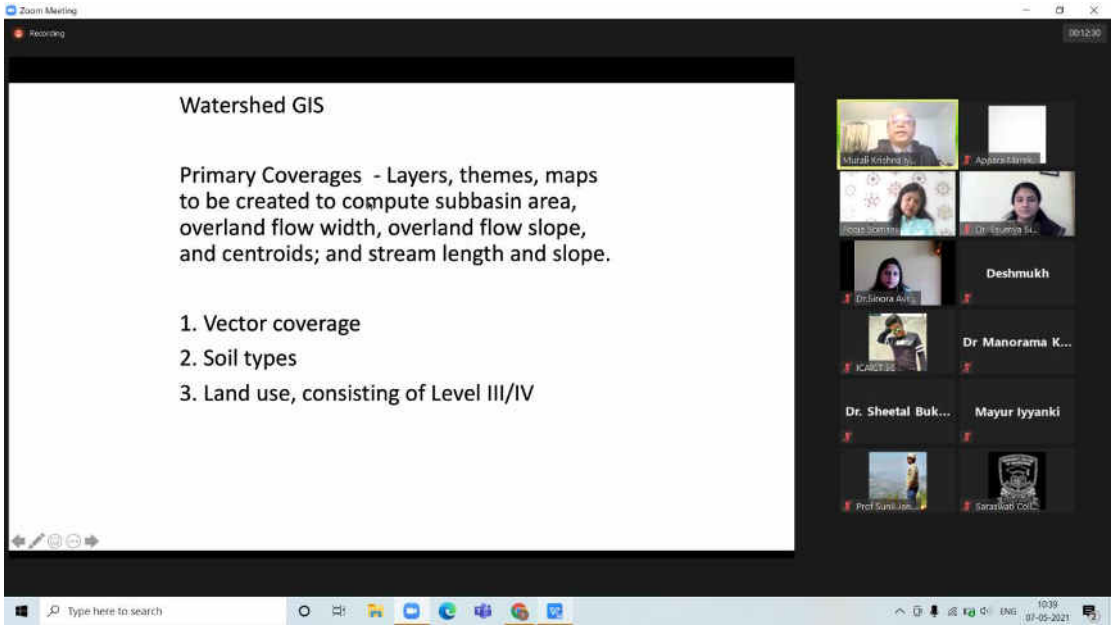
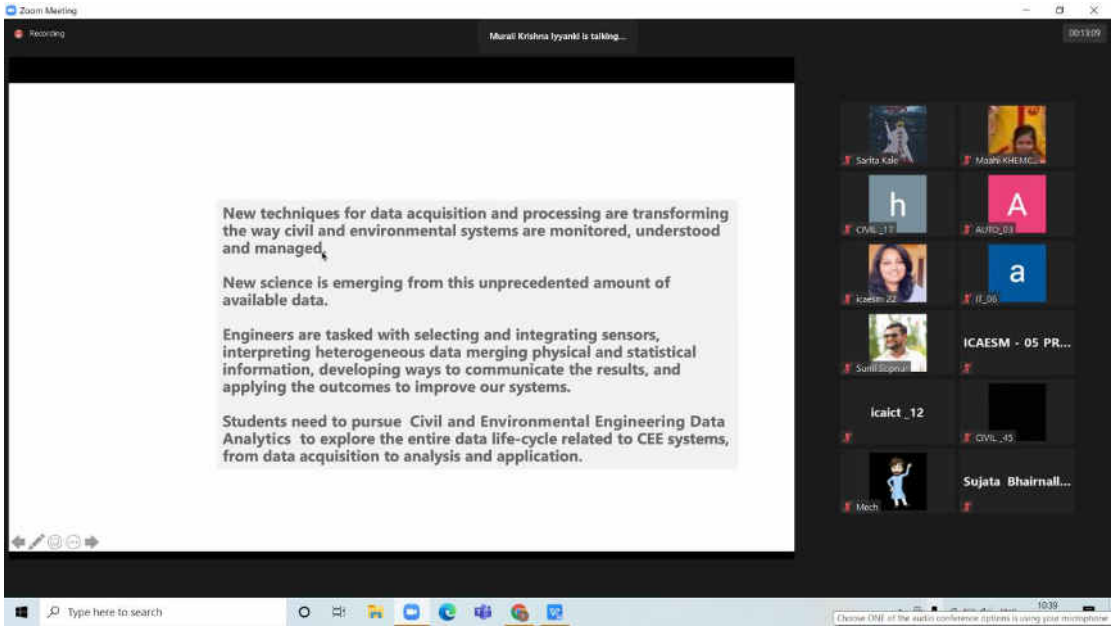
❖Flood monitoring, Forest fire risk assessment, vulnerability assessment
❖Identifying groundwater potential zones
❖Detection of heavymetals, surface soil sampling, and sampling for zinc contamination
Dr Manorama K...
Dr. Sheetal Buk...
Mayur Iyyanki
Type here to search


Zoom Meeting
Recording
Watershed GIS
Primary Coverages - Layers, themes, maps to be created to compute subbasin area, overland flow width, overland flow slope, and centroids; and stream length and slope.
1. Vector coverage
2. Soil types
3. Land use, consisting of Level III/IV
Deshmukh
Dr Manorama K...
Dr. Sheetal Buk...
Mayur Iyyanki
Type here to search


Zoom Meeting
Recording
Murali Krishna Iyyanki is talking...
New techniques for data acquisition and processing are transforming the way civil and environmental systems are monitored, understood and managed.
New science is emerging from this unprecedented amount of available data.
Engineers are tasked with selecting and integrating sensors, interpreting heterogeneous data merging physical and statistical information, developing ways to communicate the results, and applying the outcomes to improve our systems.
Students need to pursue Civil and Environmental Engineering Data Analytics to explore the entire data life-cycle related to CEE systems, from data acquisition to analysis and application.
ICAESM - 05 PR...
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Sujata Bhairnall...
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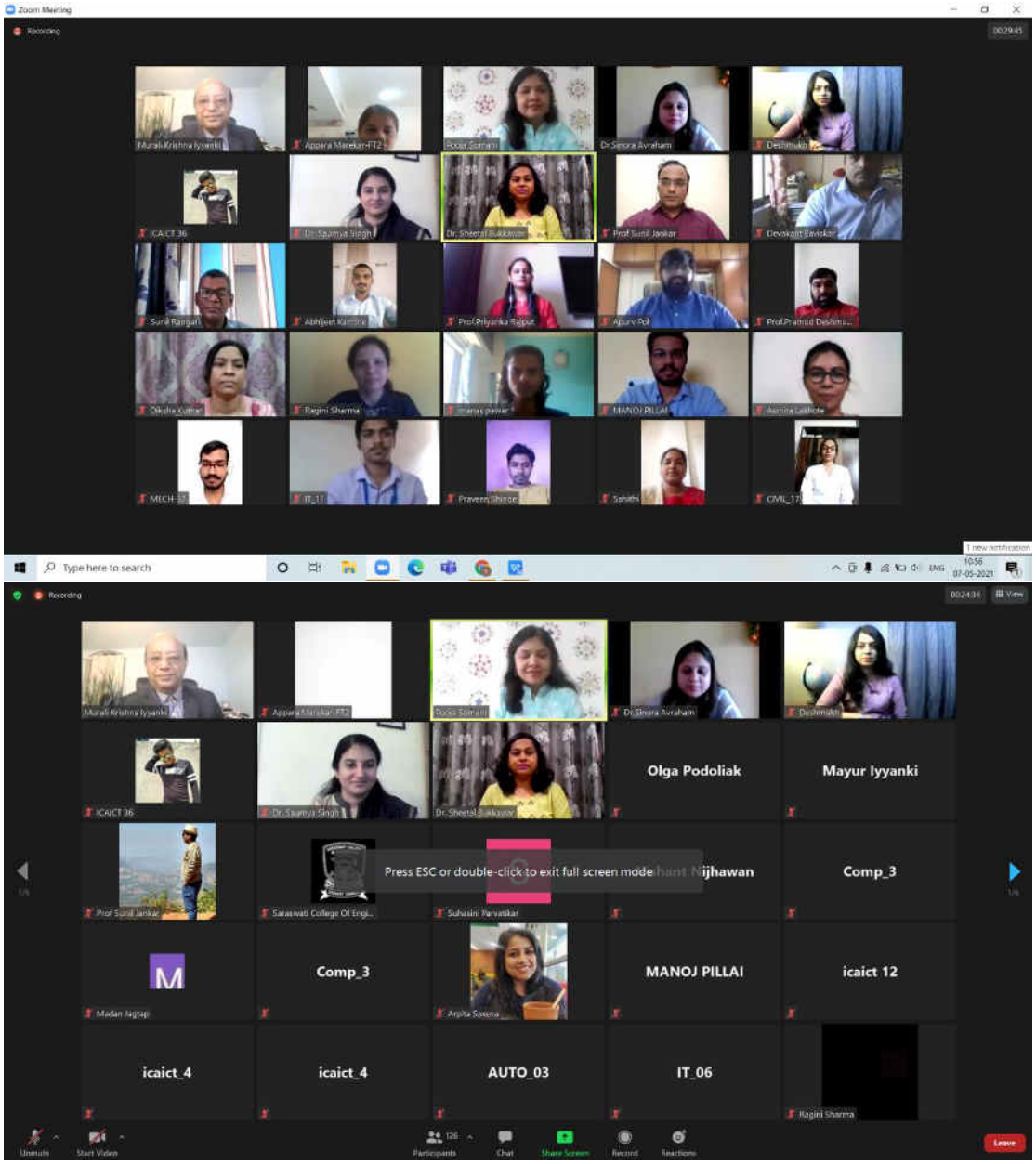
Zoom Meeting
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Olga Podoliak
Mayur Iyyanki
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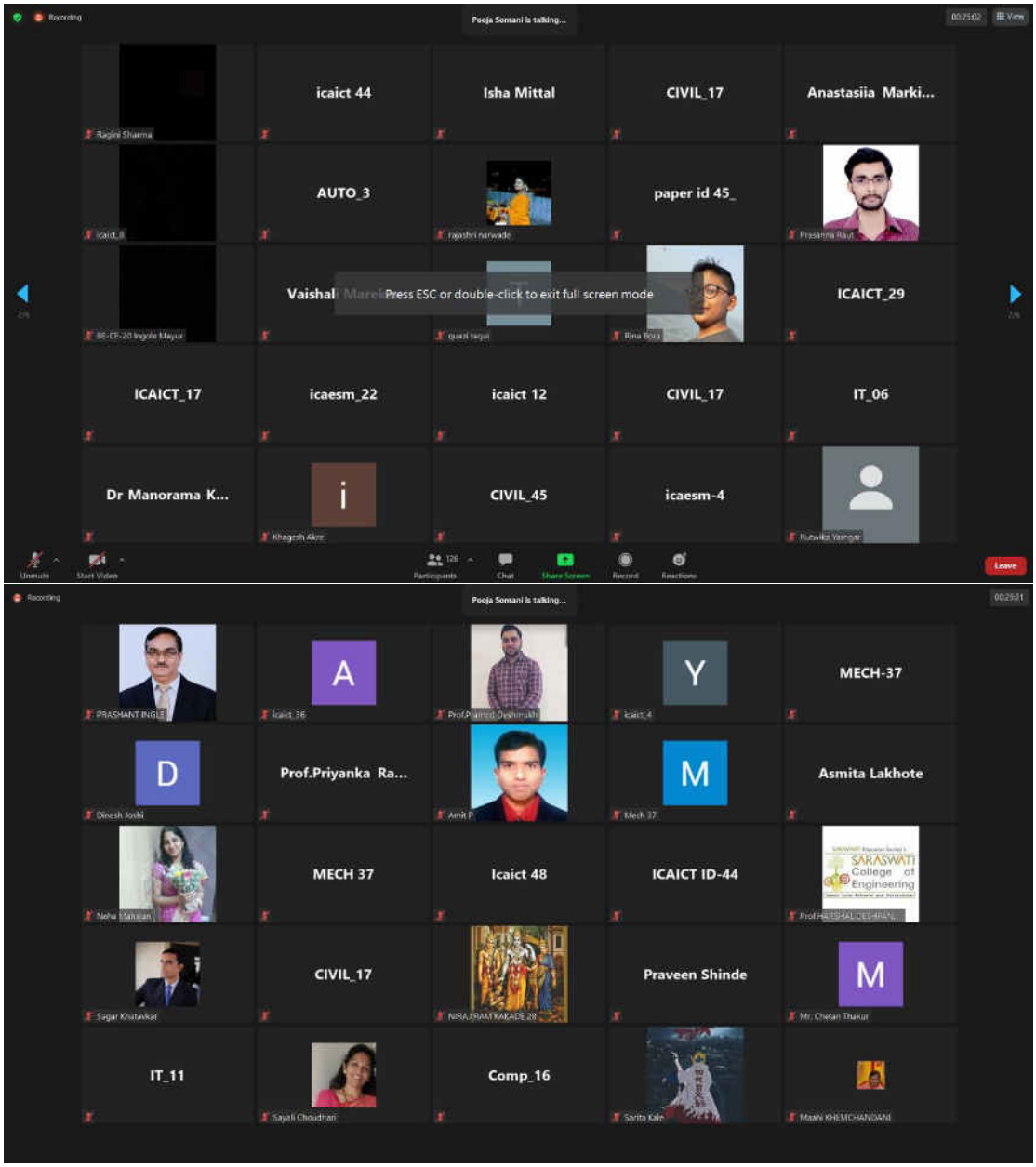
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Pooja Somani is talking...
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Ragini Sharma
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Isha Mittal
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Anastasiia Marki...
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Vaishal
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Dr Manorama K...
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Participants
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Reactions
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Recording
Pooja Somani is talking...
PRASHANT INGLE
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Prof.Pramod Deshmukh
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MECH-37
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Dinesh Joshi
Prof.Priyanka Ra...
Amit P
M
Mech 37
Asmita Lakhote
Neha Mahajan
MECH 37
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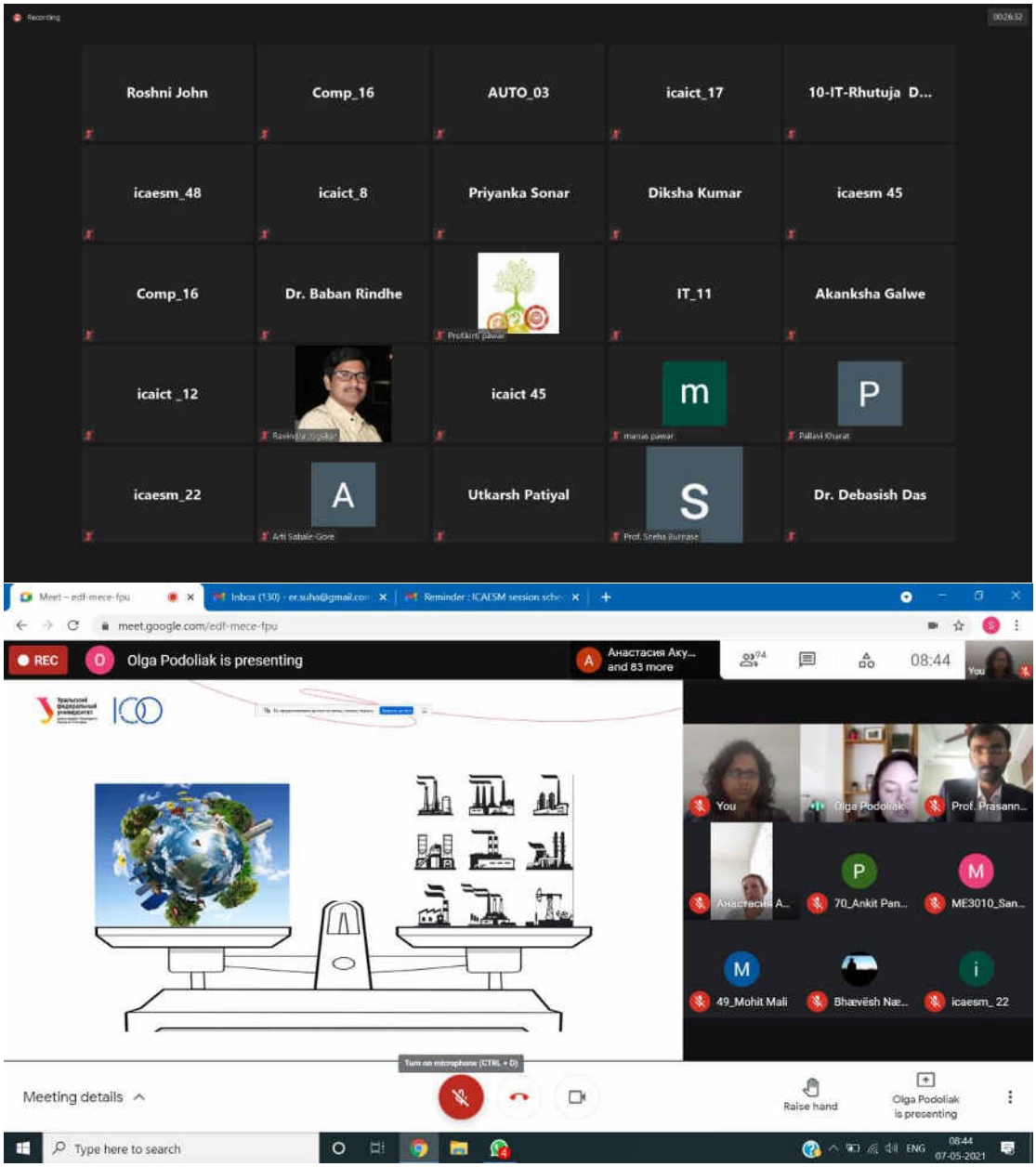
SARASWATI College of Engineering
Sagar Khatavkar
CIVIL_17
NIRAJRAM KAKADE 28
Praveen Shinde
M
Mr. Chetan Thakur
IT_11
Sayali Choudhari
Comp_16
Sarita Kale
Maahi KHEMCHANDANI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Priyanka Sonar
Diksha Kumar
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Dr. Baban Rindhe
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Akanksha Galwe
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Utkarsh Patiyal
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Dr. Debasish Das
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Анастасия Аку... and 83 more
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Olga Podoliak
Prof. Prasann...
70_Ankit Pan...
ME3010_San...
49_Mohit Mali
Bhavesh Nae...
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Meeting details
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Olga Podoliak is presenting
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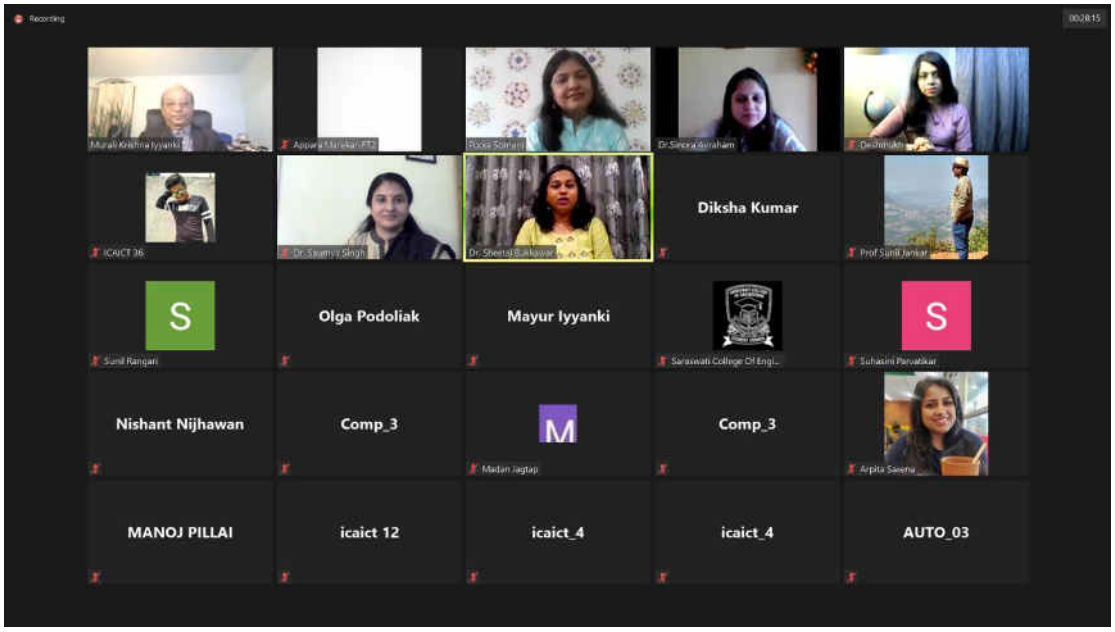
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Olga Podoliak
Mayur Iyyanki
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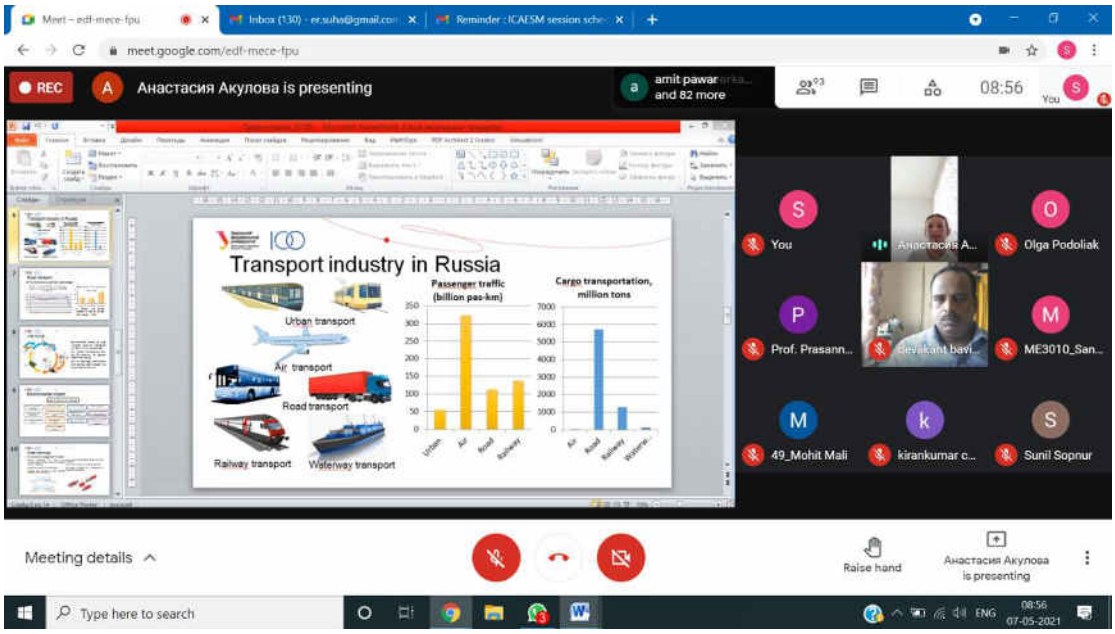
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REC
Анастасия Акулова is presenting
08:56
Transport industry in Russia
Urban transport
Air transport
Road transport
Railway transport
Waterway transport
Passenger traffic (billion pas-km)
Cargo transportation, million tons
Olga Podoliak
Prof. Prasann...
ME3010_San...
49_Mohit Mali
kirankumar c...
Sunil Sopnur
Meeting details
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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINNEERING

1. Internal Participant List ICAICT-21

sr.no.	Name
1	Payal haware,Sayali gaikwad,Sejal Dusane,Akshata Ghodake
2	Vikas Prakash Gaddam,Sahil sakharam Indulkar,Ganesh chandrakant tirlotkar,Revati satish Deshpande
3	Kishor Pawase,Pranay tadas,Chetan Chavan,Suraj patil
4	pawaskar saurabh manohar,Akshay Ashok Gadhave,Parag Sakharam Parab,Bhagwat Prakash Biradar
5	Priyanka Kamble,Sanchita Bhoi,Saurabh auti,Akshay kumbhar
6	Bipin Yadav,Shreya Mankar,Prachi Bhapkar,Dipesh Yadav
7	Prerna Ramkumar Sinha,Mayuri Anil Sawant,Mrunal Milind Naik,Praful Madhukar Nar
8	Rahil khan,Nikhil zavare,Piyush patil,Omkar patil
9	Tanuja Eknath Bhoir,Harshvardhan Rajendra Bhoite,Anjali Gangaram Katkar,Hrishikesh Ganesh Mudaye
10	Venkatesh Sawant,Atul Lakshmanan,Bhupesh Suryavanshi,Uddhav Parab
11	Mrunali Surendra Gharat,Namrata Rajesh Rai,Aishwarya Suresh Salunke,Vishakha Chandrashekhar Loke

12	Sheetal Baratam,Bhujawadkar Manali Mohan,Kodgule Siddhi praveen,Patel Priya Ambalal
13	Ravi Zade,Ketan Ramesh Zende,Abhijeet Shivram Teli,
14	Raut Madhav Pramod,Suryavanshi Rohit Rajendra,Jagtap Rushikesh Sanjay,Sonawane Aniket Anil
15	Tejaswini Sonawane,Sunetra Halankar,Pooja Nalawade,Roshni singh
16	Sakshi Bhagwat,Rutuja Farande,Sayali Kamble,Megha Pawar
17	Sagar kalidas kor,Girish ganesh patil,Sanket Kakaye,
18	Ankita Pandey ,Abhijeet Deshpande,Swaraj Darne,Jay Parab
19	Omkar Khandake,Anubhav More,Rohit Dhere,Akshay Sargar
20	Sanket Parab,Bhakti Nijampurkar,Hrushikesh rajesh Tembe,Shubham Gupta
21	Sagar sunil Dubey,Mitesh Birru,Aashuli Sahare,Rahul Mhatre
22	Samiksha Gupta,Simerjeet Singh,Asmita Lahane,
23	Kakade Swapnil,Sagar Mahadik,Nadar Arvind,Sharma Deepak
24	Chorat Ketan,Gole Dhiraj,Juikar Hrishikesh,Pawar Ankita

Program Chair

Principal SCOE

	2.External Participant List ICAICT-21
PaperId	**Name of authors**
icaict_4	Dhirendrakumar Rajak,Pratik Mevada, Yash Nandgaonkar,Aditya Chaughule , Priynka Sharma
icaict_7	Samruddhi Gavas, Darshan Oswal and Ronish Rathod, Dr Madhu Nashipudimath
icaict_8	Shanthi Therese, Akash Chhabra, Shikhar Choudhry and Abhishek Chaturvedi
icaict_12	Kaushal Gadaria, Prathamesh Chavan and Dheeraj Deore
icaict_14	Aruna Bhat
icaict_16	Priyanka Sonar and Jayamalini K
icaict_17	Akanksha Galwe, Madhura Gijam, Darshita Gilda and Supriya Joshi
icaict_20	Kommanaboyina Sai Vijaya Lakshmi, Kunchala Little Flower and Gavini G Krishna Kanth
icaict_25	Aniket Ware and Parag Sane
icaict_27	Ashwini Parkar and Madhuri Gedam
icaict_29	MUKUND P BHOLE and Dr.VINOD K PACHGHARE, SUDHAKAR BARDE
icaict_31	Sahil Verma, Nishant Nijhawan, Vinod Kumar and Mahima Hans
icaict_32	Sharayu Kavitkar, Rutuja Powar and Divyesh Patil
icaict_36	Dipesh Gupta, Abhishek Hadawale and Nikhil Chauhan

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MUMBAI UNIVERSITY

INTERNATIONAL CONFERENCE ON INDUSTRY 4.0
ADVANCED INFORMATION AND COMMUNICATION TECHNOLOGIES
[ICAICT-2021]

CERTIFICATE

This is to certify that

Prof. Navdeep Bagga

has worked as ***"Coordinator"*** for

International Conference on Industry 4.0[ICAICT-2021], held at

Saraswati College of Engineering, Kharghar, Navi Mumbai, India, on 7th May 2021.

Dr. Sheetal Bukkawar
Program Chair

Dr. Manjusha Deshmukh
Principal ,SCOE

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REPORT

of the

Faculty Development Program

on

PYTHON Programming

Organized by

DEPARTMENT OF AUTOMOBILE ENGINEERING

Dated: 21st to 25th June 2021

Speaker: *Prof. Vishnudas A.V.L. Chodankar*

DETAILS OF THE PROGRAMME

Organized by: Department of Automobile Engineering

Conducted by: Mr. Vishnudas A.V.L. Chodankar (Assistant Prof from the Dept. of Automobile)

Conducted for/Participants: Faculties from the Department of Automobile and Mechanical Engg.

Software used: ANACONDA – Jupyter Notebook

Venue: Computer Science Lab, 1st floor

Syllabus

1. Chapter 1 - Introduction
2. Chapter 2 - Modules, Comments & Pip
3. Chapter 3 - Variables & Data Types
4. Chapter 4 - Strings
5. Chapter 5 - Lists & Tuples
6. Chapter 6 - Dictionary & Sets
7. Chapter 7 - Conditional Expressions
8. Chapter 8 - Loops in Python
9. Chapter 9 - Functions & Recursion
10. Project 1 - Snake, Water, Gun Game
11. Chapter 10 - File I/O
12. Chapter 11 - Object Oriented Programming
13. Chapter 12 - Inheritance
14. Project 2 - The Perfect Guess
15. Chapter 13 - Advanced Python 1
16. Chapter 14 - Advanced Python 2
17. Project 3 - Library Management System

Prof. Vishnudas A.V.L.C

Division of Syllabus for the Programmee

DATES	SYLLABUS COMPLETED
DAY 1 – 21st June 2021	Chapter 1, Chapter 2, Chapter 3, Chapter 4
DAY 2 – 22nd June 2021	Chapter 5, Chapter 6, Chapter 7
DAY 3 – 23rd June 2021	Chapter 8, Chapter 9, Project 1
DAY 4 – 24th June 2021	Chapter 10, Chapter 11, Chapter 12, Project 2
DAY 5 – 25th June 2021	Chapter 13, Chapter 14, Project 3

PHOTOS OF ENTIRE PROGRAMME

Welcome slide:

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DEPARTMENT OF AUTOMOBILE ENGINEERING

welcomes

you for

Faculty Development Program

on

PYTHON

from 21st to 25th June 2021

Speaker: *Prof. Vishnudas A.V.L. Chodankar*

Venue - Computer Science Lab, 1st Floor

Photos during training:

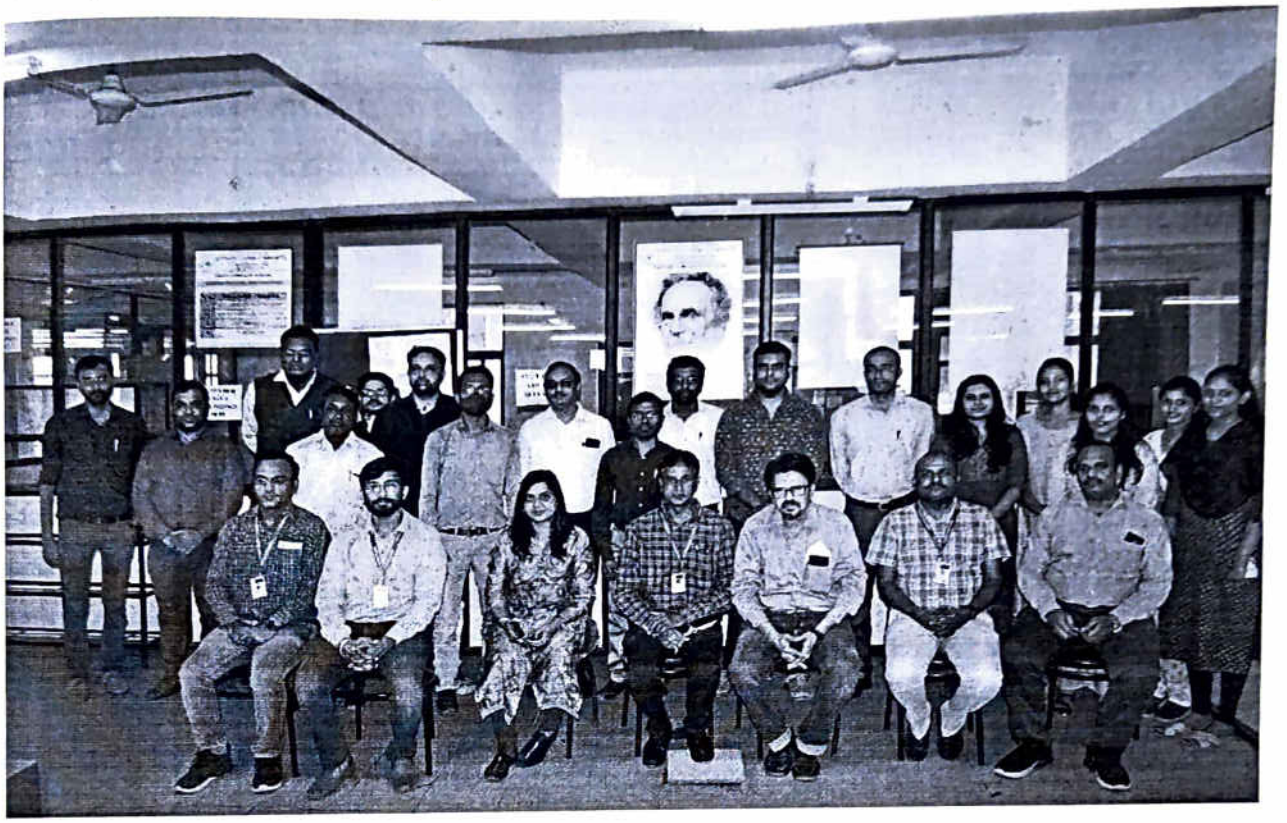
Faculties sharing their experience of the STTP:

Prof. T.Z. Quazi sharing her experience during the entire STTP

Dr. Sheetal Bukkawar sharing her experience during the entire STTP

Memento of Appreciation by Principal Dr. Manjusha Deshmukh:

Group Photo of the Participants:



FDP Trainer	HOD	Principal
(Prof. Vishnudas Chodankar)	(Prof. T.Z.Quazi)	(Dr. Manjusha Deshmukh)

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Kharghar, Navi Mumbai - 410 210.

Date : 18.03.2021

To,
The Principal Madam
Saraswati College of Engineering
Kharghar, Navi Mumbai.

Subject: Permission to conduct Leadership Program .

Respected Madam,

Reference to above mentioned subject, I am as a Human Resource Executive of the organization would like to request you that, kindly permit me to conduct Leadership Program for all head of the departments as well for all Dean's.

I am requesting you to conduct the program as a Leader of the institute.

Hope you grant the request.

Thanking you,

Yours truly,

Rajshri

Rajshri Tambe
HR Executive
SCOE

Permitted

SARASWATI Education Society's

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Date : 19.03.2021

Leadership Program "Cultivating a Positive Attitude"

Leaders should always be a role model for fellow subordinates. Human Resource department have organized the Leadership program for all the Head of the departments as well as Dean.

Human Resource Department was requested Principal Madam to conduct the program.

Ma'am was agreed and conducted the program. She has given PPT presentation with some live examples to improve leadership skills or to bring leadership skills in a person.

All presenters' were learned so many new perspective to work as a leader. It was an interactive session. All have taken participation by giving their inputs as well by giving some examples of their experiences.

The program is ends well with positive note as everyone learned something from other and got a new positive outlook to work as a leader.

HR Dept
Saraswati College of Engineering

Principal
Saraswati College of Engineering

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LEADERSHIP PROGRAM ATTENDANCE

DATE : 19.03.2021

Sr.No	Name of The Staff Member	Designation	Sign
01	Dr. Sunil Rangari	Dean – Academics	
02	Dr. Sheetal Bukkawar	Dean - Administration	
03	Prof. Vaishali Jadhav	Dean – Students Welfare	
04	Dr. Madan Jagtap	Dean – Higher Studies	
05	Prof. Roshni John	Civil I Shift – HOD	
06	Prof. Pooja Somani	Civil II Shift - HOD	
07	Prof. Sujata Bhairyankar	Computer- HOD	
08	Prof. Maahi Khemchandani	I.T - HOD	
09	Prof. Shraddha Subhedar	AIML and DS - HOD	
10	Prof. Quazi	HOD - Automobile	
11	Prof. Jankar	Mechanical I Shift - HOD	
12	Prof. Baviskar	Mechanical II Shift - HOD	
13	Dr. Sayali Chaudhari	FE HOD	

HR Dept
Saraswati College of Engineering

Principal
Saraswati College of Engineering

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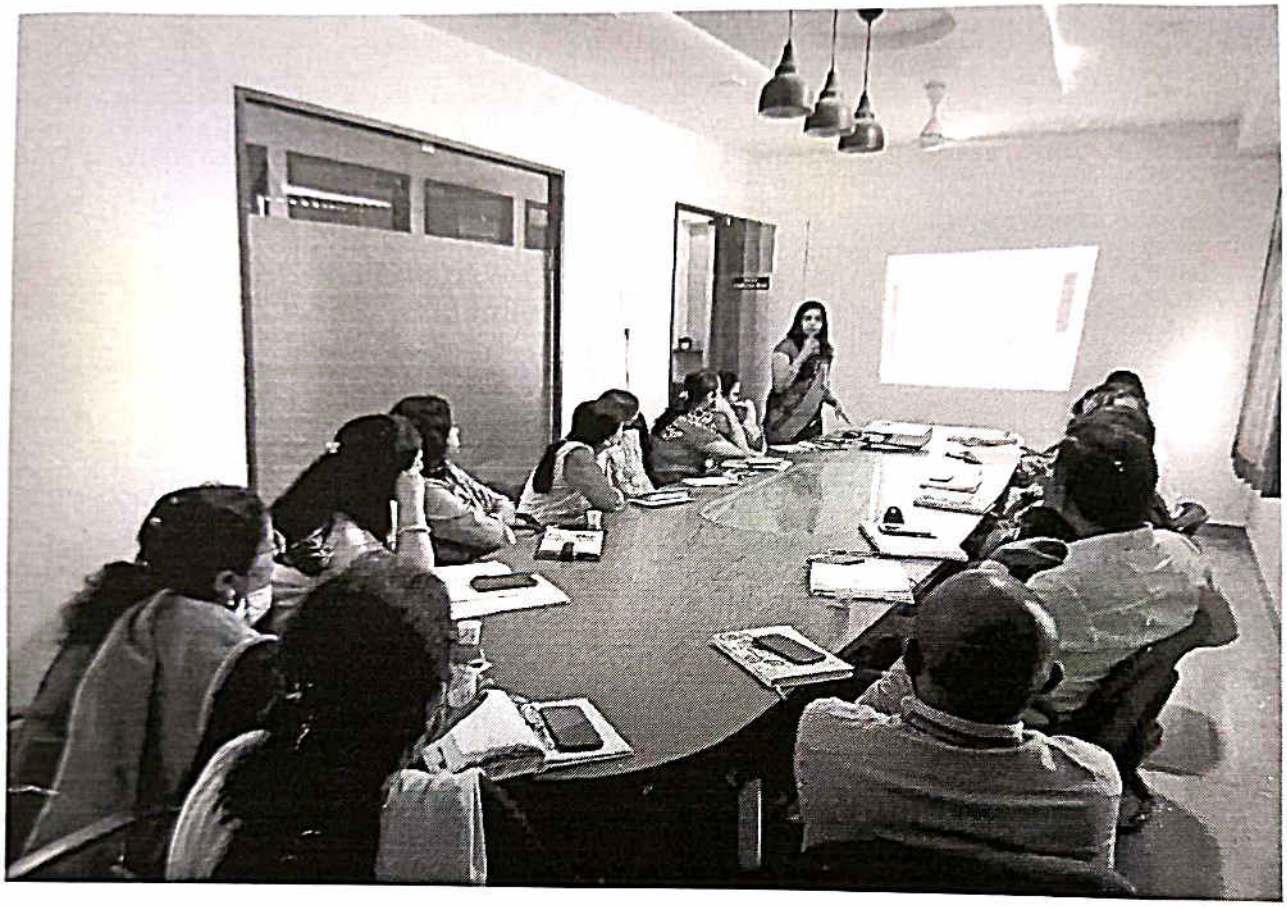

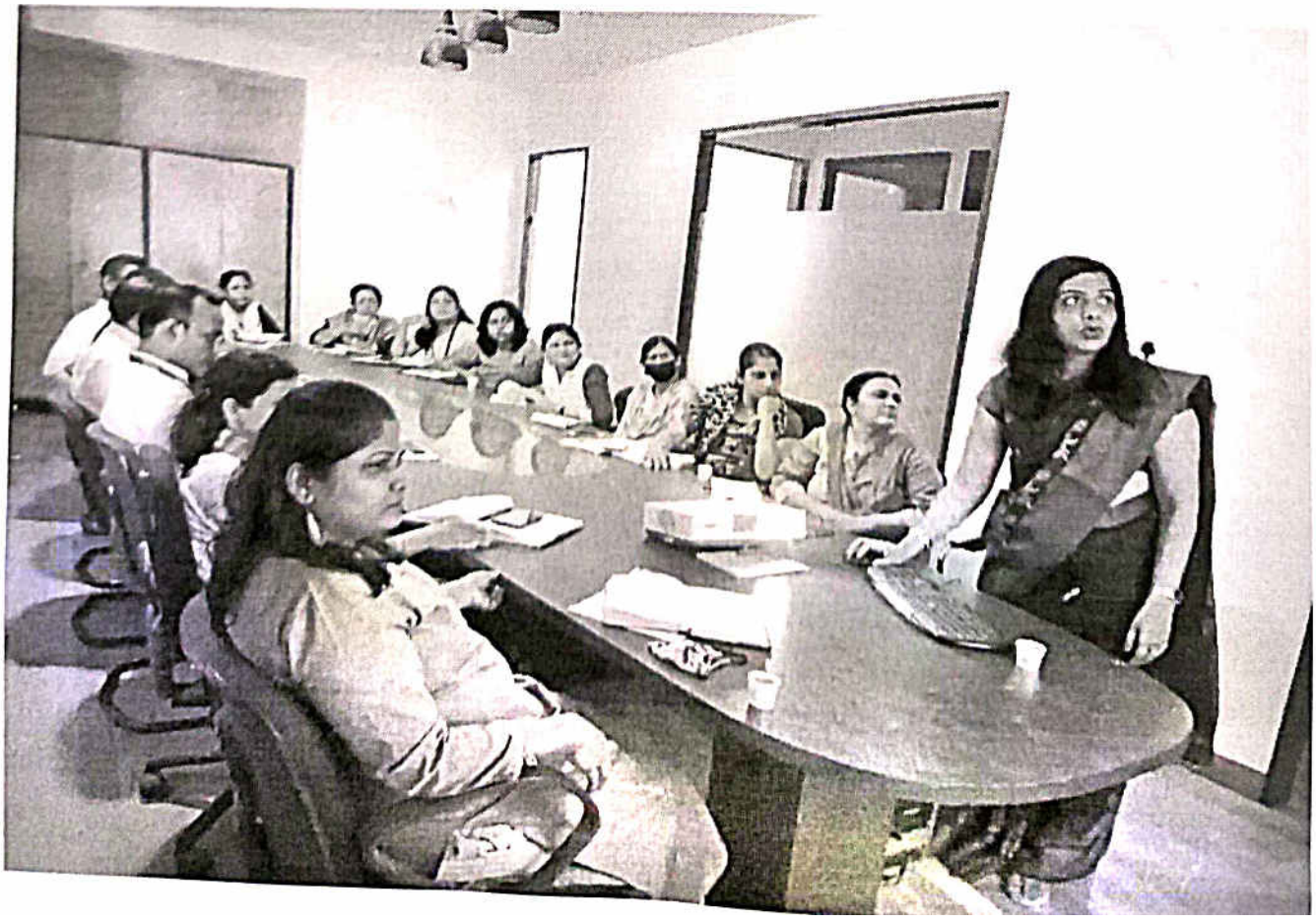

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REPORT ON FACULTY DEVOLOPMENT PROGRAMME

Title: AICTE EXAMINATION REFORM POLICY.

Date: 21/09/2020 Time: 10:00 am to 05:00 pm

Venue: Online mode

No. of Participants: 110 (Faculties)

Trainer: Dr. Manjusha Deshmukh.

Introduction:

Worldwide adaptation of Outcome-Based Education framework and enhanced focus on higher-order learning and professional skills necessitates paradigm shift in traditional practices of curriculum design, education delivery and assessment. In recent years, worldwide sweeping reforms are being undertaken to bring about essential changes in engineering education in terms of what to teach and how to teach and how to assess. Examinations/student assessments play a very important role in deciding the quality of education.

This policy intends to push the evaluation notches up on the Bloom's taxonomy and examine the learner for higher order cognitive skills to drive critical thinking, creativity and problem solving which have to be the attributes of any technical professional. The academic quality of examinations (question papers) in Indian engineering education system has been a matter of concern for a long time.

Objective:

The objective of this FDP was to make the faculties aware of the latest AICTE examination reform policy. Examination Reforms Policy for alignment of technical education with the global trend of outcome-based learning. The strategies to be adopted to align assessment with the desired student learning outcomes and the necessity of designing question papers to test higher order abilities and skills.

Course Objectives Writing

Examination
Reform
Policy
2018

Dr Manjusha Deshmukh
PhD (Elect. & Tele. Comm.)
MBA (Finance & Marketing)

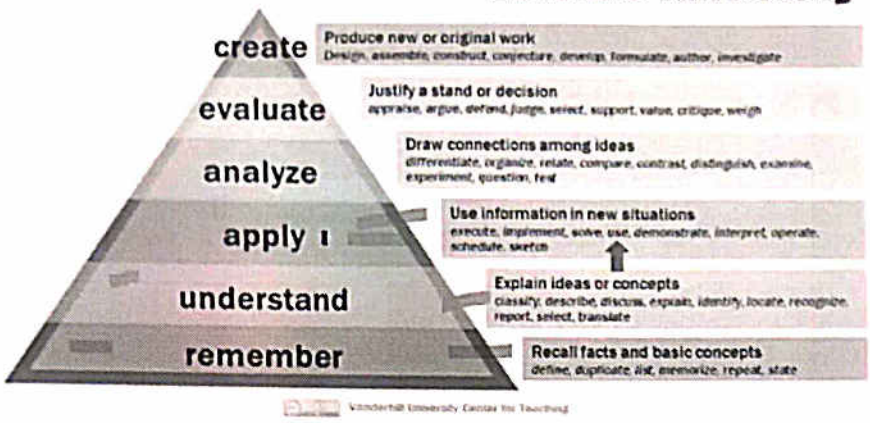
Module No.	Unit No.	Topics	Hrs.
1.0		**Digital Image Fundamentals**	04
	1.1	**Introduction** – Origin – Steps in Digital Image Processing , Components, Elements of Visual Perception – Image Sensing and Acquisition, Image Sampling and Quantization – Relationships between pixels, Transformation: Orthogonal, Euclidean, Affine	
	1.2	**Color Image Processing**: Color Fundamentals Color models.	

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.

Competency		Indicators	
1.2	Demonstrate competence in mathematical modelling	1.2.1	Apply the knowledge of discrete structures, linear algebra, statistics and numerical techniques to solve problems
		1.2.2	Apply the concepts of probability, statistics and queuing theory in modeling of computer-based system, data and network protocols.
1.5	Demonstrate competence in basic sciences	1.5.1	Apply laws of natural science to an engineering problem
1.6	Demonstrate competence in engineering fundamentals	1.6.1	Apply engineering fundamentals
1.7	Demonstrate competence in specialized engineering knowledge to the program	1.7.1	Apply theory and principles of computer science and engineering to solve an engineering problem

AICTE EXAM REFORM POLICY

PO	Competency	PI	Bloom's Level	CO	Description
PO1	1.1	1.1.1	Level 3 Apply	CO1	Use concept of matrices to solve image processing problems



Topics covered:

- Introduction to exam reforms policy.
- Need for OBE and 3 concepts for implementing OBE.
- Understanding Graduate Attributes and Process of adopting OBE framework.
- Bloom's Taxonomy and its use in Designing Assessments.

Outcomes of the FDP:

This FDP attempts to bring out recommendations for reforms in the examination system to meet challenges of the emerging engineering education landscape.

Faculty Coordinator

Principal

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REPORT ON FACULTY DEVOLOPMENT PROGRAMME

Title: "CO-PO mapping for University Examination"

Date: 16/11/2020 Time: 10:00 am to 05:00 pm

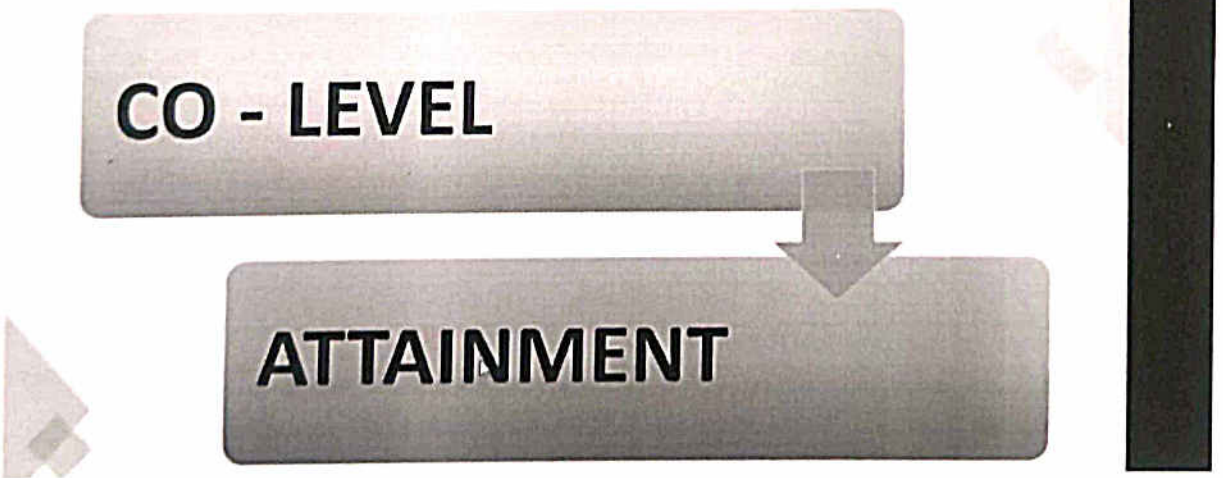
Venue: Online mode

No. of Participants: 115 (Faculties)

Trainer: Dr. Manjusha Deshmukh.

Introduction:

The resource person introduced the concept of outcome-based education and the correlating concepts such as Blooms level, framing the Question paper as per Blooms taxonomy& CO, PO, PSO, PEOs. She also explained the connection of each question prepared mapping to one or more COs which effectively will helps to determine the achievement by each student in the tests & University Examination.



Sheet No. 8 – CO attainment

IA-Marks available with you

These were your students IA-I & IA-II Marks as per CO .

Roll No.	Name of Student	IA-I			IA-II		
		Q.1	Q.2	Q.3	Q.1	Q.2	Q.3
		CO1	CO2	CO3	CO4	CO5	CO6
1		2	3	6	4	3	6
2		2	4	6	4	3	7
3		2	3	6	4	3	7
4		3	4	6	4	3	7
5		3	4	6	4	3	7

Sheet No. 9 – CO level

IA- Attainment level

- Open CO LEVEL tab.
- Enter CO ATTAINMENT level.

ATTAINMENT LEVEL	
Below 50	NA (Not Attended)
50 to 59	1
60 to 69	2
70 and above	3

Attainment level

COs Attainment level -IA						
CO Attainment	CO1	CO2	CO3	CO4	CO5	CO6
Total Students Attainment	46	59	55	34	68	44
Total Students not Attainment	22	9	13	34	0	24
Total Students	68	68	68	68	68	68
Attainment	67.65	86.76	80.88	50.00	100.00	64.71
Attainment level	2	3	3	1	3	2

The objectives of the FDP:

1. Framing the Question paper as per Blooms taxonomy& CO, PO, PSO for I.A. exam.
2. To disseminate the information on identifying the attainment of PO, PSO, CO
3. To initiate attainment of PO, PSO, CO at each department.

Outcomes of the FDP:

1. Faculties able to framing mapping CO's with PO's.
2. Able to measure CO & PO attainment process.

Faculty Coordinator

Principal

Date: 12/11/2021

To,

The Principal,

Saraswati College of Engineering

Kharghar,

Navi Mumbai.

Subject: Permission for seminar on "Time Management"

Respected Madam,

I, Dr. Sheetal Bukkawar, currently working as dean administration and student welfare, in your institute would like to request you to please allow us to organize seminar on "Time Management" for Non-teaching staff on 17th November 2021 from 2 p.m. to 3 p.m.

So, kindly grant the permission.

Thanking You.

Your's faithfully,

S. Bukkawar

Dr. Sheetal Bukkawar

Dean Administration and Students Welfare

Permitted

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Ref No: SCOE/OUT.DOC/2021/22 Date: - 16/11/2021

(22)

NOTICE

All the Non-teaching staff are hereby informed that on 17/11/2021, 11am to 12pm seminar on "Interpersonal Skills and time management" is organized at second floor seminar hall. It is compulsory for all non teaching staff to attend it.

16/11/21

Dr. Sheetal Bukkawar
Dean Administration and Student Welfare

Dr. Manjusha Deshmukh
Principal

PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210

Saraswati College of Engineering * Kharghar * Navi Mumbai-410210

CC: General Manager / Admin
Registrar/HR. Office
HOD of Computer Engineering
HOD of Data Science
HOD of EXTC Engineering
HOD of I.T.
HOD of AIML
HOD of Mechanical I shift Engineering
HOD of Mechanical II shift Engineering
HOD of Automobile Engineering
HOD of Civil I Shift Engineering
HOD of civil II Shift Engineering
HOD of F. E.
Head T.P & C G C
Exam Controller
Library Dept.
Store Department
Sr. Manager - Finance & Accounts
Maintenance
Establishment Section
Students Section

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Date: - 17/11/2021

Report on –Seminar on "Time Management " by Prof. Neha sharma

1. Duration: 17th November, 2021 2 p.m. to 3 p.m.
2. Number of Participants: 21 Non-Teaching staff of SCOE
3. Guest Speaker: Prof. Neha Sharma
   - Assistant Professor, SCOE, Navi Mumbai.
   - Has 12 years of experience in Teaching.
4. Objective: To make staff aware of time management effectively.

The importance of 'Time Management' was also discussed along with a 7-step process to Time Management. Insights were given on the usefulness of Interpersonal Skills at workplace and how to manage time effectively. It is discussed that how, proper time management helps you finish your work faster, you'll find that you now have more free time as a consequence.

17/11/21

Dr. Sheetal Bukkawar
Dean Admin

Dr. Manjusha Deshmukh
Principal

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Trainee Attendance Sheet

Title of The Training – Interpersonal Skill & time Management	Date:- 17/11/2021
Duration:- 11am to 13 pm	Venue:- Second floor seminar hall

Sl. No.	Name	Designation	Department	Signature
1	Vinod D. Patil	Tech. Assistant.	Scoe/comp	
2	Ashok Waghmare	Clerk	Mech	
3	Krishal Sutar	Sr-Clerk	IT	
4	Uday Yadav	Att	FE	
5	Vijay M. Ghadge	clerk	[illegible]	
6	D. B. Jadhav	Asst. phy. Inst	Sports	
7	Sagar Chandan	Instructor	Mech(MSP)	
8	Ashole Sonam	Instructor	Mech	
9	Rahul Desai	clerk	Stel. Jee	
10	Ramdas A. Yadav	Clerk	Comp.	
11	Abhijeet yadav	Att	Comp	
12	Appa Patil	clerk	Auto	
13	K.S. Bhaskar	Instructor	mech/MSP	
14	Ganesh mali	lab assistant		
15	Somnath yadav	Att.	Auto	
16	Pramod Ingole	Lab Asst	EXTC	
17	Sunil M. Patil	Skill Asst	Exam	
18	Dipak Bhoir	Jr. Programmer	Office	
19	Y.T. Ghadage	Sr. Clerk	Exam	
20	D. B Pawar	Attendant	Exam	
21	Pradnya Shinde	Lab Asst	IT	
22				
23				

17/11/21

Signature & Date

Date: 17th November 2021

To,

Prof. Neha Sharma,
Assistant Professor
Saraswati College of Engineering, Kharghar

Subject: Thanking Letter as an Expert Speaker for seminar on "Time Management".

Dear Madam,

We would like to thank you for delivering a seminar as a speaker for the seminar on "Time Management" organized by Saraswati College of Engineering, Kharghar on 17th November 2021 for Non-teaching staff. Your willingness to share your time and expertise in this area was critical to the success of this event.

We greatly appreciate the time you took out of your busy schedule for this seminar. We hope to see your guidance for such events soon again.

Thanking you.

Regards,

Dr. Manjusha Deshmukh
Principal (SCOE)

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REPORT ON FACULTY DEVOLOPMENT PROGRAMME

Title: CO-PO Mapping for Course Exit form.

Date: 24/12/2021 Time: 10:00 am to 05:00 pm

Venue: Online mode

No. of Participants: 117 (Faculties)

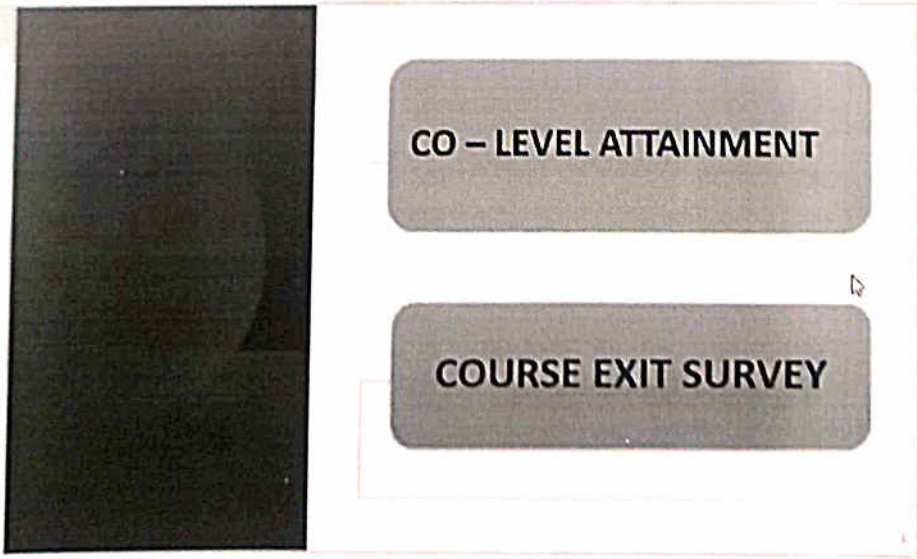
Trainer: Dr. Manjusha Deshmukh.

Introduction:

The course evaluation survey consists of questions that evaluate the level of student's satisfaction with the curriculum and course being taught at a university, college, or school. This sample questionnaire template evaluates and collects feedback from students on their perception of the course, its effectiveness and how much value are students able to derive from it. Use the feedback to address concerns like the teaching style, the course material, and its length. Evaluate courses at the end of the term to improve them for future students. This survey also consists of questions on teacher evaluation and course improvement.

Objective:

Make the faculties aware of the CO attainment by course exit form feedback.



Sheet No. 8 – CO attainment

Marks Entry :

- TW/TU Marks of Each Student.

SEAT NO.	Name of Student	IA-AVG	TH END SEM	TH total	TW
		20	80	100	25
		12	50	62	12
		14	53	67	16
		13	54	67	17
		14	51	65	18
		14	55	69	20
		14	53	67	14

CO ATTAINMENT (EXIT FORM):

- E.g. Course Exit form (Response sheet).
- Feedback given by students.

Timestamp	FULL NAME OF THE STUDENT	ROLL NUMBER	E-MAIL	[CO1 - A	[CO2 - Cla	[CO3 - Cl	[CO4 - Un	[CO5 - D	[CO6 - A
				5	5	5	5	5	5
				4	4	4	3	3	3
				5	5	5	5	5	5
				4	4	4	4	4	4
				5	5	5	5	5	5

Outcomes:

Course Exit survey provide valuable feedback to the faculties. Such feedback is quite helpful in improving the quality of learning. Based on the CO attainment by course exit form feedback, faculties can plan necessary improvements next times to the same.

ABM

Faculty Coordinator

Principal