



KSHITIJ

Touching new skies

DEPT. OF CIVIL ENGINEERING

WE PROVIDES A PLATFORM TO OUR COMMUNITY MEMBERS
TO ENHANCE, EXCEL & EMPOWER! WE AT CIESA BELIEVE
IN CONTINUOUS IMPROVEMENT AND PERIODIC CHANGE.
WE ASPIRE TO DELIVER THE DEMANDS OF OUR
COMMUNITY MEMBERS IN THE BEST POSSIBLE WAY!

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ACHIEVEMENTS



VISION OF THE INSTITUTE

To serve the Society, Industry, and all the stakeholders through Value-Added Quality Education.

MISSION OF THE INSTITUTE

To serve the need of society at large by establishing state-of-the-art Engineering, Management, and Research Institute and impart Attitude, Knowledge, and Skills with Quality Education to develop individuals and teams with the ability to think and analyze right values and self-reliance.

VISION OF THE DEPARTMENT

To be recognized as one of the leading departments in respect of professional education and innovation in the western region.

MISSION OF THE DEPARTMENT

To develop a multidisciplinary approach to relate civil engineering challenges to social and human context through team spirit, the right attitude, morals, and higher education.

PEOS OF CIVIL ENGINEERING

- I. To impart sound academic fundamentals among the students to formulate, analyze and solve civil engineering problems.*
- II. To develop students' ability to adapt and apply recent trends in civil engineering.*
- III. To prepare the students for the challenging needs of the civil engineering profession and higher academic pursuits.*
- IV. To develop professional ethics among students for functioning as an individual or in a team for the betterment of society and the environment.*

PSOS OF CIVIL ENGINEERING

- I. The graduate will be able to apply necessary Civil Engineering knowledge, skillsets for quality construction work in infrastructural and industrial development.*
- II. The graduate will be able to demonstrate skill sets required for entrepreneurs in civil engineering*

POs of Civil Engineering

CIVIL ENGINEERING GRADUATES WILL BE ABLE TO:

1. ENGINEERING KNOWLEDGE:

Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex civil engineering problems.

2. PROBLEM ANALYSIS:

Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, physics, chemistry, and engineering geology

3. DESIGN/DEVELOPMENT OF SOLUTIONS:

Design solutions for complex civil engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.

4. CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:

Use research-based knowledge and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.

5. MODERN TOOL USAGE:

Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Civil engineering activities with an understanding of the limitations.

6. THE ENGINEER AND SOCIETY:

Apply to reason informed by the contextual knowledge to assess societal issues like water management, waste management, air & water pollution, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.

MESSAGE FROM HOD

"It is rightly said that till date humans are on this planet, Civil Engineering will exist, to fulfill the basic and all kinds of infrastructural requirements of human beings. Civil Engineering mother and most significant branch of Engineering. A Civil Engineer is a most civilized personality; he/she handles all the challenges, natural or human-made problems, and provides effective solutions to them. To enrich these skills in our students, we have come with certain unique methodologies like on-site training by professional organizations, hands-on experience, site visits, guest lectures by government and private planners, consultants builders, and contractors. We provide a platform for their creative thinking, planning, designing, and execution of ideas. We also promote students for entrepreneurs, private & government jobs, and to opt for higher education, to enrich them with decision-making power."



Dr. S. T. Mali
HoD Civil Engineering

EDITORIAL



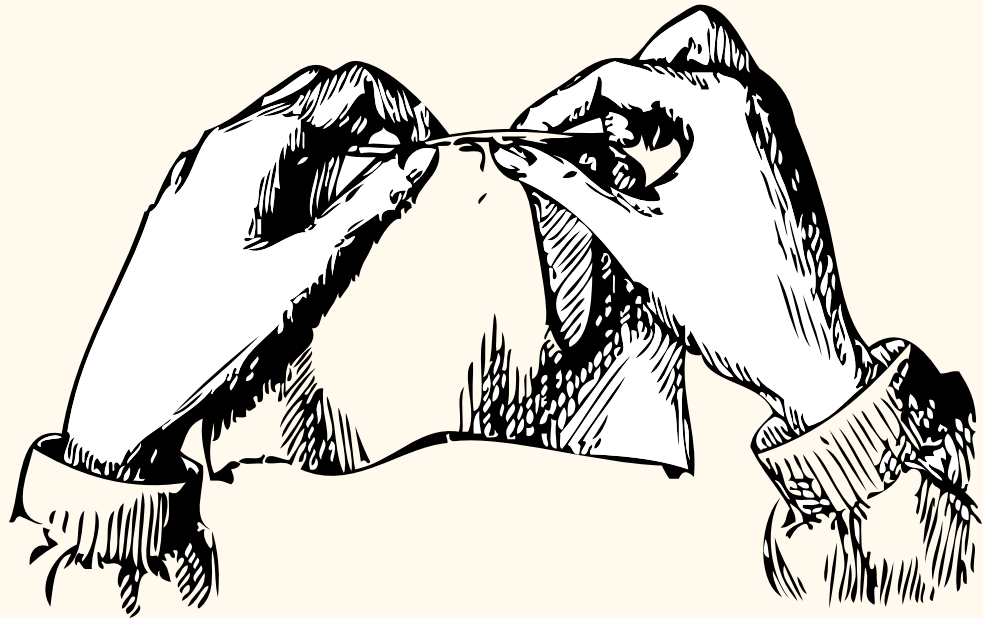
Editor in chief
Mr. Shrutam Chhallani

Executive Editors
Ms. Sawani Anwale
Mr. Pratham Agarwal

Associate Editors
Ms. Isha Mali
Mr. Rushikesh Nikude



Art & Crafts





**Nikita Patil
TE CIVIL**



**Rutuja Patil
TE CIVIL**



**Rushikesh Nikude
TE CIVIL**



Riddhi Dusane
SY CIVIL

Tanmayi Chavan
SY CIVIL



Siddhi Pampattiwar
TE CIVIL





Lalit Pandit
TE CIVIL

Sonali Bhoite
SY CIVIL



Maheshwar Pawar
SY CIVIL



Rutuja Patil
TE CIVIL

Pushpak Joshi
TE CIVIL



Lalit Pandit
TE CIVIL



बादल गरजते देर नहीं लगती ज़नाब,
तुम ज़रा उसके नज़दीक तो जाओ,
सयानी तो बारिश भी बहुत है,
तुम ज़रा उसको कहकर तो आओ,
रिमझिम पानी बरसेगा,
जब होगी वो तुम्हारी बाहों में,
सदाबहार रहेगा ये मौसम,
उसकी आँखों की वो चमक ही काफ़ी है,
तुम अपने आप समझ जाओगे की,
बादल गरजते देर नहीं लगती ज़नाब...

- ध्वनि

Dhwani Ramawat
SY CIVIL

Akanksha Dandage
SY CIVIL

Thinking about you , all day night ,
Want to be with you , in your every sight.
Without you , a day seems like a year,
Losing you is only my biggest fear

You are the lyrics of every song,
It's only the way to miss you all day long
All I need is you around me
Staring at the skies where no one to see

You have become my favourite book,
In its every page, I see your look.
Addicted to you just like a wine.
Without you, I'm gonna never fine.

Couldn't stop becoming entirely you,
My eyes always transfixed on you.
Though I may be fighting with you,
But, remember, I will never leave you...

Aaj raat main bhi jaga hoo
Aur use waha neend aa rhi hai
Maine Seh liya wo daur jisme kafi shor tha
ye kaisi khamoshi hai jo mujhe kha rhi hai
Main fir raha hoo dar badar tanha andhero me
Suna hai wo neend me khwab saja rhi hai
Jab bhi aata hai zikr tera hum baat badal dete hai
Tu kafi khush hokar humari khamiya bta rhi hai
Ek ek nishani maine rakhi hai dil k iss sandook me
Jo Tu har koshish kar ke unhe mita rahi hai
Aankhir kab tak yuhi jaga rahoo tanha tanha
Meri palke bhari ho rahi hai mujhe bhi neend aa rhi hai

Shoeb Khan
TE CIVIL



ACHIEVEMENTS



Overall attendance of students

Sr. No.	Monthly Report	Overall % Attendance (TE)	Overall % Attendance (BE)
1	21 st June to 5 th July, 2021	85	83
2	21 st June to 6 th August, 2021	82	82.3
3	21 st June to 6 th September, 2021	80	80
4	21 st June to 6 th October, 2021	82	79
5	21 st June to 22 nd November, 2021	85	79
Average % attendance		82.8	80.7

Placements:

Sr No.	Name of the Student	Name of the Company	Academic Year
1	Surabhi Chavhan	Accenture/ Cognizant	2021-22
2	Aditya Rudrakanthawar	Wipro	2021-22
3	Amit Hire	Wipro	2021-22
4	Mayuri Dake	Cognizant	2021-22
5	Dipali Padme	Cognizant	2021-22
6	Chetan Shevanti	Cognizant	2021-22

Student's participation in Competition

Sr. No.	Name of Students	Class/Year	Event	Organized by	Date	Prize detail
TE Civil (03)						
1	Shrutam Chhallani	T.E Civil	DOM Building competition	DIT ASCE International Student Chapter DYPIT, Pimpri	1 st to 18 th November, 2021	3 rd Rank
2	Isha Mali	T.E Civil	DOM Building competition	DIT ASCE International Student Chapter DYPIT, Pimpri	1 st to 18 th November, 2021	3 rd Rank
3	Pratham Agarwal	T.E Civil	DOM Building competition	DIT ASCE International Student Chapter DYPIT, Pimpri	1 st to 18 th November, 2021	3 rd Rank
4	Prathamesh Gurav	T.E Civil	DOM Building competition	DIT ASCE International Student Chapter DYPIT, Pimpri	1 st to 18 th November, 2021	3 rd Rank

Student's participation in Events/Webinars

Sr. No.	Name of Students	Class/Year	Event	Organized by	Date	Prize detail
S.Y Civil (06)						
1	Akanksha Dandage	S.Y. B-tech	Online Workshop on Introduction to firmware development	Skill Lync Mood Indigo IIT Bombay	2021	Participation
2	Akanksha Dandage	S.Y. B-tech	Successfully completed Aspire and achieve programme	Infosys Springboard	August, 2021	Participation
3	Shraddesh Pradeep Shirode	S.Y. B-tech	Three Days Intensive Workshop on "Universal Human Values".	Department of Civil Engineering, PCCOE.	11 th -13 th October, 2021.	Participation
4	Tejas Anil Kale	S.Y. B-tech	Three Days Intensive Workshop on "Universal Human Values"	Department of Civil Engineering, PCCOE.	11 th -13 th October, 2021.	Participation
5	Anjali Ankush Ghule	S.Y. B-tech	Three Days Intensive Workshop on "Universal Human Values"	Department of Civil Engineering, PCCOE.	11 th -13 th October, 2021.	Participation
6	Vishal Hemant Lad	S.Y. B-tech	Three Days Intensive Workshop on "Universal Human Values"	Department of Civil Engineering, PCCOE.	11 th -13 th October, 2021.	Participation
TE Civil (03)						
1	Hande Omkar Balaji	T.E Civil	Online Workshop on AutoCAD- 2 D	ACADD Center	16 th November, 2021	Participation
2	Shrutam Chhallani	T.E Civil	One Day online Session Analysis of water distribution network using EPANET Software	Department of Civil Engineering, PCCOE.	18 th November, 2021	Participation
3	Siddhi Kadam	T.E Civil	Health Monitoring of concrete structures	Ultratech Cement Pvt. Ltd	21 st August, 2021	Participation

BE Civil (06)						
1	Yogesh Biradar	B.E Civil	Multicloud4U Training on Alibaba Cloud	Alibaba Cloud	25 th August, 2021	Participati on
2	Jaydip Patil	B.E Civil	Health Monitoring of concrete structures through Non-Destructive Testing Technologies	Ultratech Cement Pvt. Ltd	21 st August, 2021	Participati on
3	Yogesh Biradar	B.E Civil	Five Days Intensive Workshop on "Computer Networks - An Insight	Department of Civil Engineering, PCCOE	23 rd – 27 th August, 2021	Participati on
4	Yogesh Biradar	B.E Civil	Engineering Virtual Program	Forge, Goldman Sachs	30 th September, 2021	Participati on
5	Aakanksha Waghmare	B.E Civil	Health Monitoring of concrete structures through Non-Destructive Testing Technologies	Ultratech Cement Pvt. Ltd	21 st August, 2021	Participati on
6	Kushal Kirve	B.E Civil	Health Monitoring of concrete structures through Non-Destructive Testing Technologies	Ultratech Cement Pvt. Ltd	21 st August, 2021	Participati on

Online courses completed by students

Sr. No	Name of Student	Class/ Year	Course on	Date
S.Y. B-Tech (01)				
1	Akanksha Dandage	S.Y. B-Tech	Learners Achievement Verification, Online course on Construction safety and Health, Score -96% by Alison	August, 2021
TE Civil (04)				
1	Siddhi Kadam	T.E Civil	Corporate Finance Institute- Accounting Fundamentals	13 th September, 2021
2	Siddhi Kadam	T.E Civil	Corporate Finance Institute- Reading Financial Statements	13 th September, 2021
3	Rushikesh Shivkumar Nikude	T.E Civil	MOOC: Nature-based Solutions for Disaster and Climate Resilience	23 rd June, 2021
4	Onkar Hande	T.E Civil	Successful completion of AutoCAD 2D & 3D in Hindi by Udemy	4 th December, 2021
BE Civil (01)				
1	Shivani Kamat	B.E Civil	NPTEL - Municipal Solid Waste Management (Secured 51%)	July- October, 2021 (12 Weeks)

Internship completed by students

Sr. No	Name of Student	Class/ Year	Internship details	Date
SE Civil (01)				
1	Tejas Anil Kale	S.Y. B-tech	Successfully completed the three months (8 September, 2021 to 1 December, 2021) professional internship programme at project of constructing row bungalow of Mr. Shailesh Shinde, Ahmednagar, Balaji Construction	8 th September – 1 st December, 2021

Paper published by students

Sr. No	Name of Student	Class/ Year	Course on	Date
S.Y B-Tech Civil (06)				
1	Vishal Lad	S.Y B-Tech	Paper Published paper on topic 'Smart Home Technologies' in IJRASET Volume 9, Issue VIII, August 2021	August, 2021
2	Gaurav Brahmanekar	S.Y B-Tech	Paper Published paper on topic 'Smart Home Technologies' in IJRASET Volume 9, Issue VIII, August 2021	August ,2021
3	Ishika Suryawanshi	S.Y B-Tech	Paper Published paper on topic 'Smart Home Technologies' in IJRASET Volume 9, Issue VIII, August 2021	August, 2021
4	Bhavesh Patil	S.Y B-Tech	Paper Published paper on topic 'Smart Home Technologies' in IJRASET Volume 9, Issue VIII, August 2021	August ,2021
5	Nikita Tamnar	S.Y B-Tech	Paper Published paper on topic 'Smart Home Technologies' in IJRASET Volume 9, Issue VIII, August 2021	August ,2021
6	Divya Pawar	S.Y B-Tech	Paper Published in IJARESM on Bidirectional Visitor Counter with Automatic Room Light Controller, IJARESM, Impact Factor: 7.429, Volume 9 Issue 8	August- 2021

SITE VISITS





PCCoE New Hostel building, PCCoE campus, Nigdi, Pune. Shri. Rajesh Chitte, contractor of this project, and Mr. Amit Pansare, site in-charge of the project guided students during this site visit on 27/10/2021.



Beam and deck components of Mivan formwork and concrete casting was going on for tower 2 slab at Godrej green cove at Riverhill, Balewadi Rd Mahalunge, Pune on 09/11/2021.



Wall panel system in Mivan forwork and Mr. Omkar Patil site engineer explained the details at Godrej green cove at Riverhill, Balewadi Rd Mahalunge, Pune on 9/11/2021.



Framework of Tower-2 & Mr. Abhaykumar (Asst.Engg) explained the features of Mivan construction at Godrej green cove at Riverhill, Balewadi Mahalunge, Pune on 9/11/2021.



Pune Railway Station for structural members such as trusses, columns, column bases, connections, of column & baseplate, plate girder etc., conventional steel construction and challenges on 09/10/2021.



Sai Millenium commercial complex, Vadhvani Construction, Pune on 15/11/2021



Govt. Road Construction, Rajgurunagar, Pune on 20/11/2021.



Dr. A.K. Gaikwad along with 10 students from PCCOE Civil Department visited ATAL Tunnel at Rohtang, Manali, to see the technical details of the Tunnel construction under AICTE YUVAK scheme from 25/10/2021 to 30/10/2021.

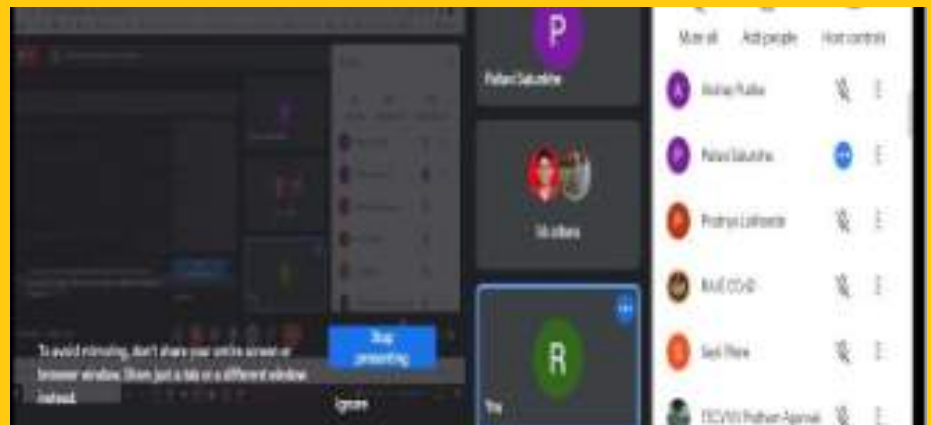
GUEST LECTURES



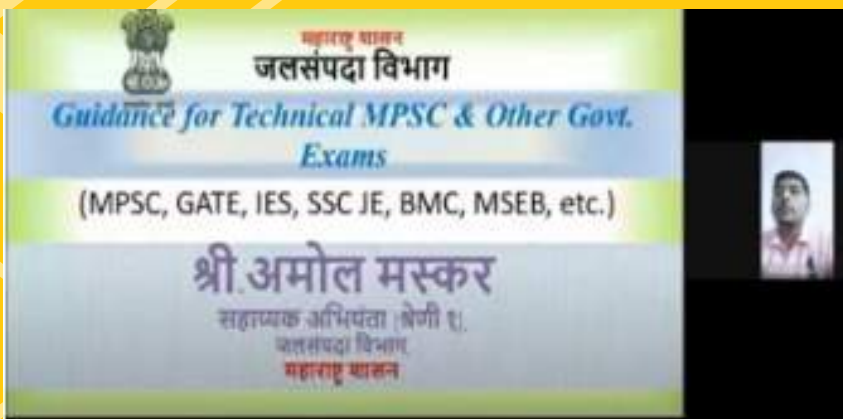


Guest Lecture on 'Q – GIS software application in hydrology (watershed delineation)' by Mrs. Ulka Joshi on 25/10/2021.

Guest Lecture on Construction Management using Primavera by Miss. Pallavi Salunkhe on 26/07/2021.



Guidance for Technical MPSC & other Govt. exams by Mr. Amol Maskar





**Case Study of World's Highest Bridge
by
Dr. Ganesh Rathod**

**Session on Well foundation by
Mrs. Suman Jain**



**Overview of Pune Metro Project by
Mr. Gautam Birhade**

ACADEMIC & RESEARCH EQUITY BUILDING W/ EXCITING CAREER PATHS

WHY RESEARCH

- ✓ New Generation of Occupation
- ✓ Elite & Respect
- ✓ Value & Money → Equity
- ✓ Global Acceptance
- ✓ Freedom
- ✓ Flexibility



Research as a career option by Dr. Hemant Dhonde


Session on “Opportunities after completing BE in Civil Engineering” by Mr. Viraj Bhandari

Invitation for online talk on 7th Jan @11.15am on “Opportunities after completing BE in Civil Engin (2

Higher Studies

Various higher study/specialization options are:

1. M.E. / M. Tech - IITs, NITs, Government or Private Colleges
2. M.S. - Countries like Australia, USA, New Zealand and Canada have good opportunities for civil engineering
3. PhD - Research in different progressive domains
4. MBA, PGDM, NIMBA, Diploma in various specialization
5. LLB, ITI, Software Training



Invitation for an Online talk on 5th Jan @ 2:45pm-3:45pm “Civil Engineering Structures - Planning t (202



Session on Civil Engineering Structures - Planning to Execution by Er. Santosh Patane



Session on “Necessary skill sets required for a Structural Engineer to enter a Construction firm” by Er. Sachin Yadav

Session on “Future Scope in Structural Engineering” by Dr. J. P. Bhusari



Invitation for online talk on 8th Jan @ 1:30pm on "City Sanitation Plan" (2021-01-08 at 00:17 GMT-8)

Table 1: Specific services to be considered in CSP

Services	Plan
Access to Sanitation	Plan for ensuring 100% toilet coverage across the city and to all socio-economic groups through individual, community and public toilets
Wastewater Management	Plan for safe collection, conveyance, treatment and disposal of flows of wastewater along with effluent management strategies
Solid Waste Management	Plan for collection, management, treatment, safe handling and disposal of solid waste
Water Supply	Plan for public and sustainable water supply across the city considering both quality and quantity of water supplied
Storm Water Management	Plan for separate and safe drainage and management of storm water

Session on “City Sanitation Plan (CSP)” by Dr. Shrikant Jahagirdar



HOD Civil dept. Dr. S. T. Mali addressing SY students

Talks on Entrepreneurship and student interaction During Department Introduction session



Placement preparation Advice and SWOT analysis talks

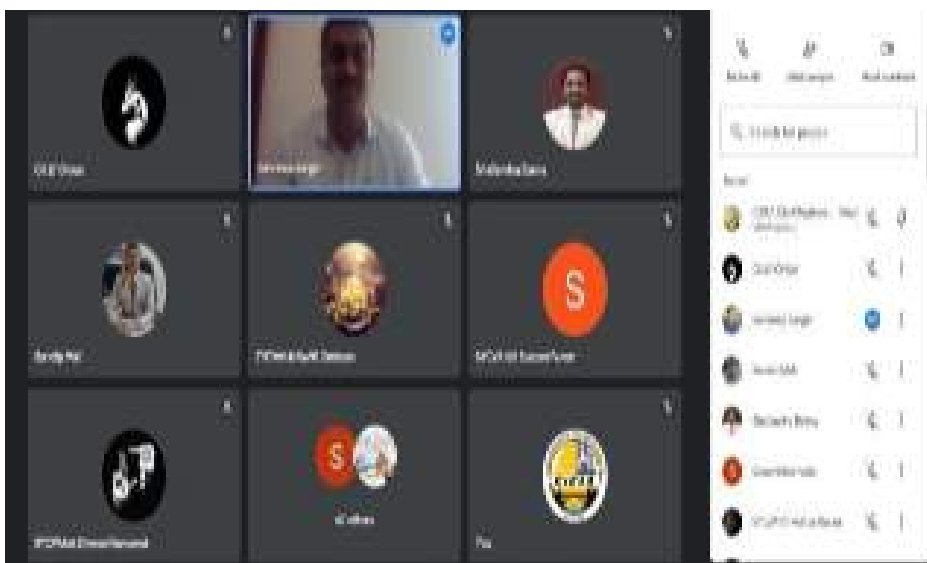


Guessing game along with SY Students in Happy hour session (By Amarnath Tayade)

Session on higher studies and their benefits Guest interaction with the students to know their



Guest interaction with the students to know their future goals (by Mr. Viraj Bhandari)

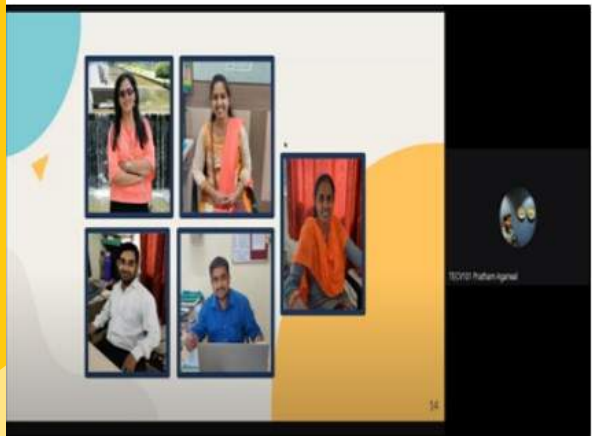
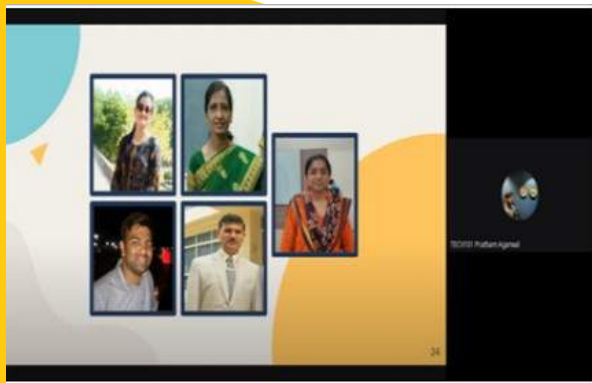




CiESA

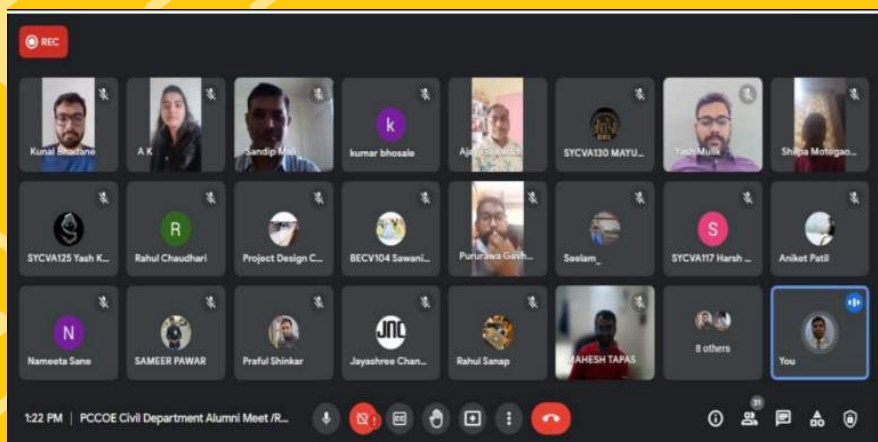
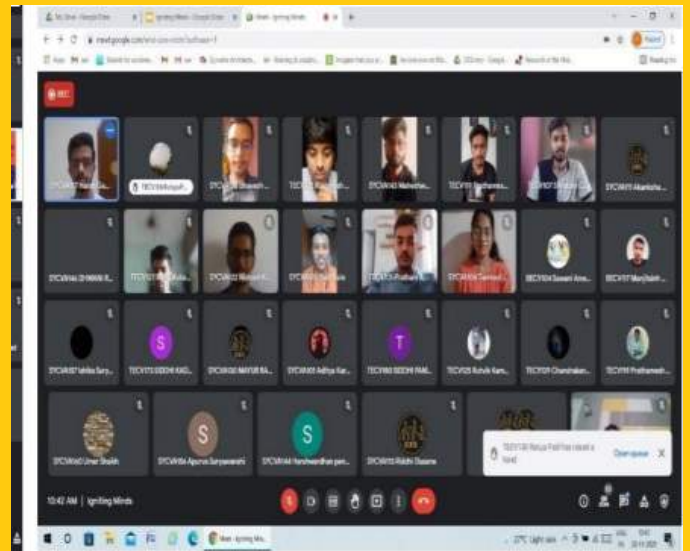
Activities





Celebration of Teacher's Day to Express the gratitude to Teaching and Non-Teaching Staff of Civil Engineering Department on 06/09/2021

Igniting Mind to evaluate certain attributes in students that can be shared and to have a healthy discussion on modern problems on 21/11/2021.



Alumni Meet to interact with the Alumni of the Civil department and to get to know each other and improve the structure of the department overall on 21/11/2021.



**PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
SECTOR - 26 , PRADHIKARAN , NIGDI , PUNE ,
MAHARASHTRA ,411044**





PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
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