



# Suryodaya College of Engineering & Technology, Nagpur



With

ISTE

Sponsored One Week Short Term Training Program

on

“Covid Pandemic Challenges in Civil Engineering and Environmental  
Engineering”

Organized by

Civil Engineering Department

The Department of **Civil Engineering, Suryodaya College of Engineering & Technology, Nagpur** has successfully organized ISTE Sponsored One Weeks Short Term Training Program (STTP) on “**Covid Pandemic Challenges in Civil Engineering and Environmental Engineering**”. The STTP addressed the various aspects of Covid Pandemic Challenges in Civil Engineering and Environmental Engineering and promoted hoe to handle pandemic situation among the participants. This STTP was aimed for teachers who are teaching to various disciplines of engineering and technology subjects in colleges or Universities.

This STTP was organized with a view to make the participants aware about various new techniques in **Civil Engineering and Environmental Engineering** with the helpful to the field and our society today. During the entire STTP session, the participants have learnt about different aspect of civil engineering in various discipline such as Road Work, Concrete Work, Software vie in Civil Engineering , Environmental Laws and hoe MoeF work.

**Dr. V. G. Arajpure Principal, Suryodaya College of Engineering & Technology, Nagpur**, had inaugurated the programme. In his inaugural address, **Dr. V. G. Arajpure Principal** Sir focused upon the modern teaching Methodology and the importance of Covid Pandemic , also online education system in present days. Principal sir also focused on the need to deal with the rapid changes and shifting paradigms in the education field.

“Without such training, teaching is often reduced to one – way lecturing”, he said.

**Dr. M. B. Kumthekar, Professor, Government college of engineering, Karad Chief Guest** for the inaugural function. **Dr. M. B. Kumthekar** spoke about the importance of **Covid Pandemic Challenges in Civil Engineering and Environmental Engineering** with different case studies.

**Dr. Rasika R. Chafale (Management Chairperson ) , Dr. V. G. Parhate Vice Principal Suryodaya College of Engineering & Technology, Nagpur, Dr. Ashtashil V. Bhambulkar (Convener and Head of Civil Engineering Department)**, Prof. Ram Wayzhode (Head of Mechanical Engineering Department), Prof. Vivekanand Thakare (Head of Computer Engineering Department), Prof. PrasannaKumar Titarmare (Head of Electrical Engineering Department), Prof. Shailesh Bilthiriya (Head of Electronics Engineering Department), also graced the inaugural function.

**02 th August, 2021**, afternoon Session explored the participants with various Challenges **Civil Engineering due to Covid-19 by Dr. M. B. Kumthekar, Professor, Government college of engineering, Karad.**

**03 th August, 2021**, Morning Session cover the area of **Metro Projects in Maharashtra by Mr. Mahesh Gupta, Mazhi Metro, Ast. Manager, Nagpur** & Same day afternoon Session cover the **Advanced Wastewater Treatment by Dr. Ramesh Daryapurkar, CEO, LARS Enviro,Nagpur.**

**04th August, 2021**, Morning Session delivered on the area of **Road Projects in Maharashtra by Dr. A. I. Dhatrak, Associate Professor, Government college of engineering, Amravati** & Same day afternoon Session explored the knowledge on **Software Application for Civil Engineers by Dr. Mahesh Nalmwar,PLIT College, buldhana.**

**05th August, 2021**, Morning Session valuable guidance by **Dr. Sunil Desale, HOD Civil, Ganga Mai College of Engineering, Nagaon (Dhule)** on **Recent Trends in Material Management & Handling** & Same day afternoon Session share the knowledge on **Recent Trends Concrete Mix Design by Dr. Ashtashil Bhambulkar, Head, Civil Engg. Dept. ,Suryodaya College of Engineering & Technology, Nagpur.**

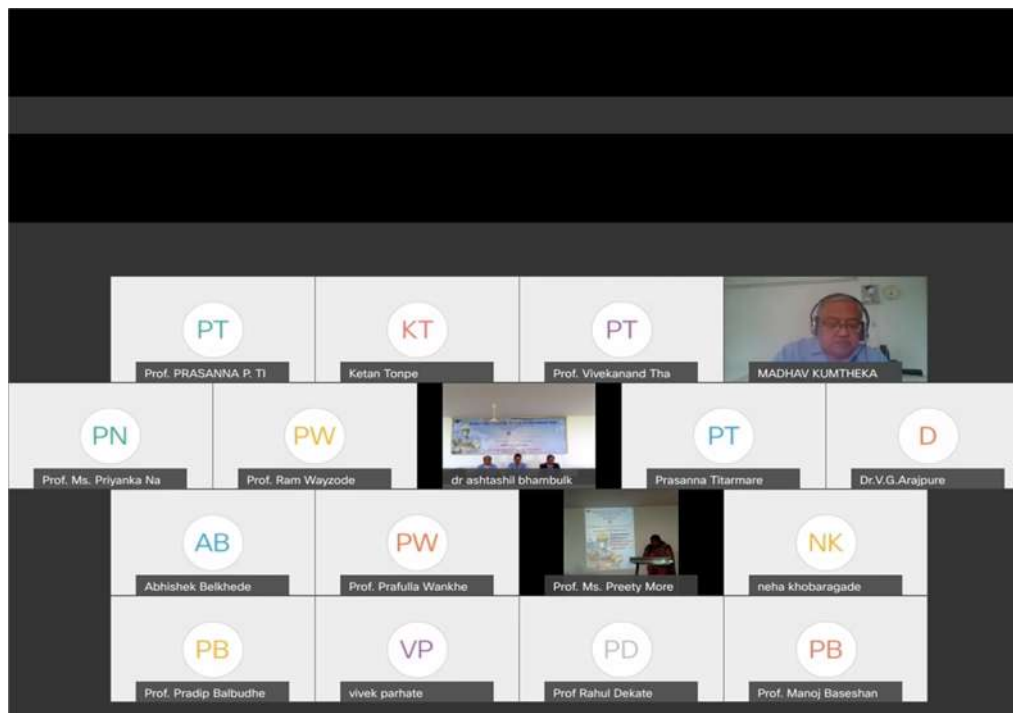
**06th August, 2021**, Morning Session cover on the area of **Environmental Management and Law” by Dr. N. P Shinkar, HOD Civil, Government Poly, Amravati.** & Same day afternoon Session valuable guidance on **Recent Trends in Bridge Construction” by Dr. K. M Tajne, HOD Civil, Government college of engineering, Nagpur**

**07th August, 2021**, Morning Session covers on the area of **Earthquake Design and Important provisions of revised seismic code IS 1893 (Part 1) : 2016” by Dr. Ashtashil V. Bhambulkar, Head, Civil Engg. Dept. ,Suryodaya College of Engineering & Technology, Nagpur**

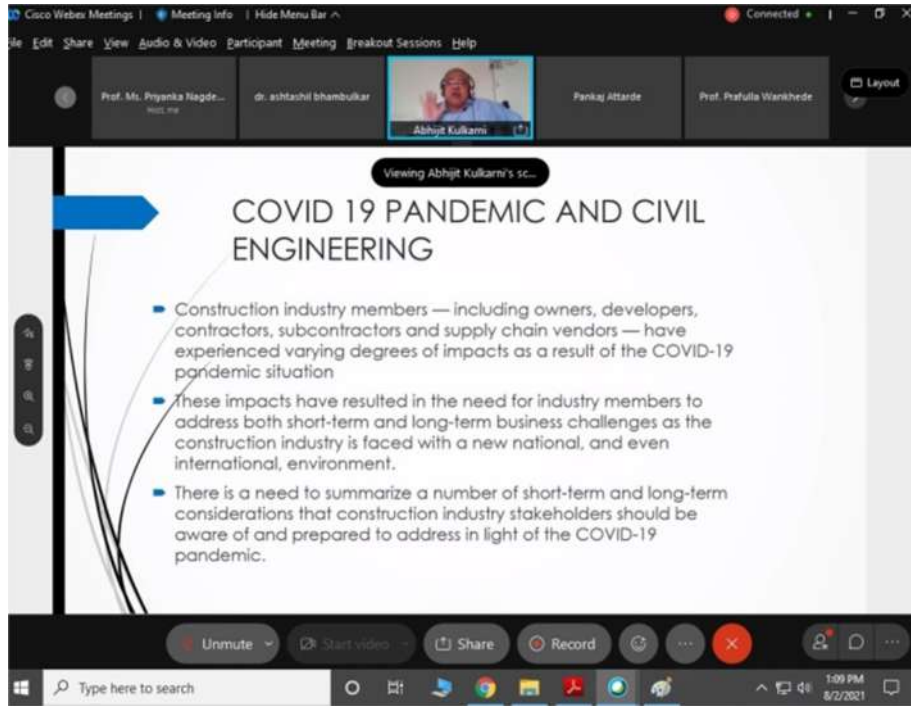
**7th August, 2021**, afternoon, the STTP was concluded by STTP Organizing Committee based on sessions covered during the One Weeks STTP program. After conduction of test, Valedictory function was conducted in the august presence of **Dr. V. G. Arajpure Principal, (Suryodaya College of Engineering & Technology, Nagpur), Mr. Mahesh Gupta (Mazhi Metro, Ast. Manager, Nagpur), Dr. Rasika R. Chafale (Management Chairperson ) , Dr. V. G. Parhate Vice Principal Suryodaya College of Engineering & Technology, Nagpur, Dr. Ashtashil V. Bhambulkar (Convener and Head of Civil Engineering Department),** Prof. Ram Wayzhode (Head of Mechanical Engineering Department), Prof. Vivekanand Thakare (Head of Computer Engineering Department), Prof. PrasannaKumar Titarmare (Head of Electrical Engineering Department), Prof. Shailesh Bilthiriya (Head of Electronics Engineering Department), also graced the inaugural function were present along with the participants. The participants were delighted to share their views & were excited to be a part of the STTP. The STTP was concluded on a positive note & with a big round of applause from the participants with the promise of arranging such STTP’s in future too.

STTP Organizing Committee, Department of **Civil Engineering, Suryodaya College of Engineering & Technology, Nagpur**, would like to thank Hon. **Shri. Deepakji Chafale sir**, President, NRDRS, for giving us an opportunity to organize STTP on **“Covid Pandemic Challenges in Civil Engineering and Environmental Engineering”** & for always providing such platforms to enhance our technical knowledge and skills. We would also like to thank **Mr. Ranjeet Chafale Sir**, Secretary NRDRS, for his constant support & motivation, **Mr. Abhishek Belkhede Sir**, Director **Suryodaya College of**

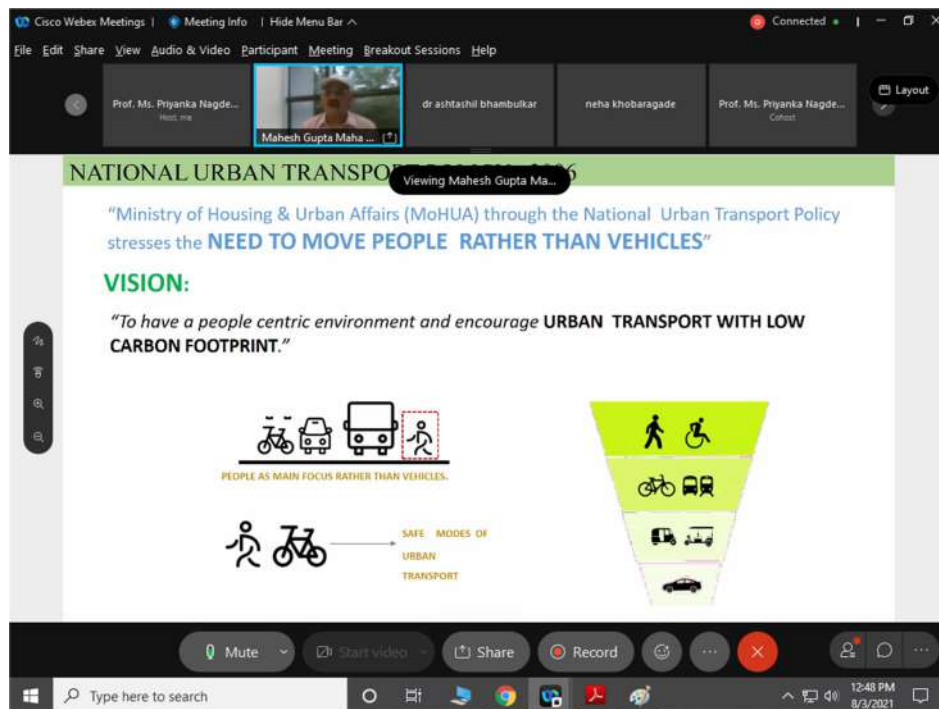
**Engineering & Technology** constant support, **Dr. V. G. Arajpure Principal** Sir, Principal of **Suryodaya College of Engineering & Technology**, for his valuable guidance & suggestions, Vice Principals **Dr. Vivek Parhate**, HODs, All teaching & Non-Teaching Staff of **Suryodaya College of Engineering & Technology** for their kind cooperation. Our special thanks to ISTE for permission for organising such a wonderful STTP. On the behalf of Organizing Committee, we sincerely promise you that in the coming years too we will keep on organizing such STTP's related to the field with some more innovative ideas. Attached below is the Glimpse of one Weeks STTP on "**Covid Pandemic Challenges in Civil Engineering and Environmental Engineering**" from 02<sup>nd</sup> August, 2021 to 07<sup>th</sup> August, 2021.



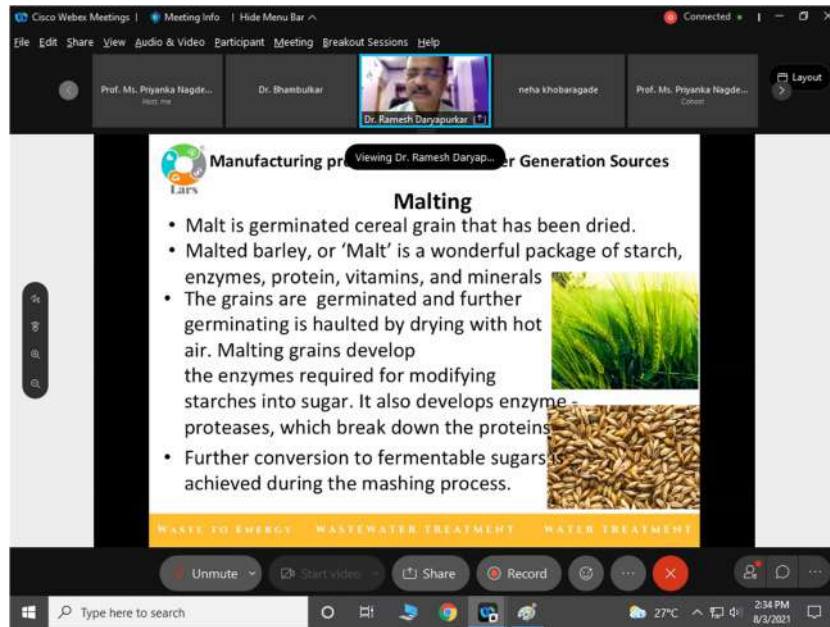
**Day 1, Photo of Inauguration Function in present of Dr. V. G. Arajpure Principal, Dr. V. G. Parhate Vice Principal, Dr. Ashtashil V. Bhambulkar Convener of STTP, Dr. M. B. Kumthekar, Professor, GCE, Karad Chief Guest , All Exper Speaker , All staff Civil engineering department , All Participant.**



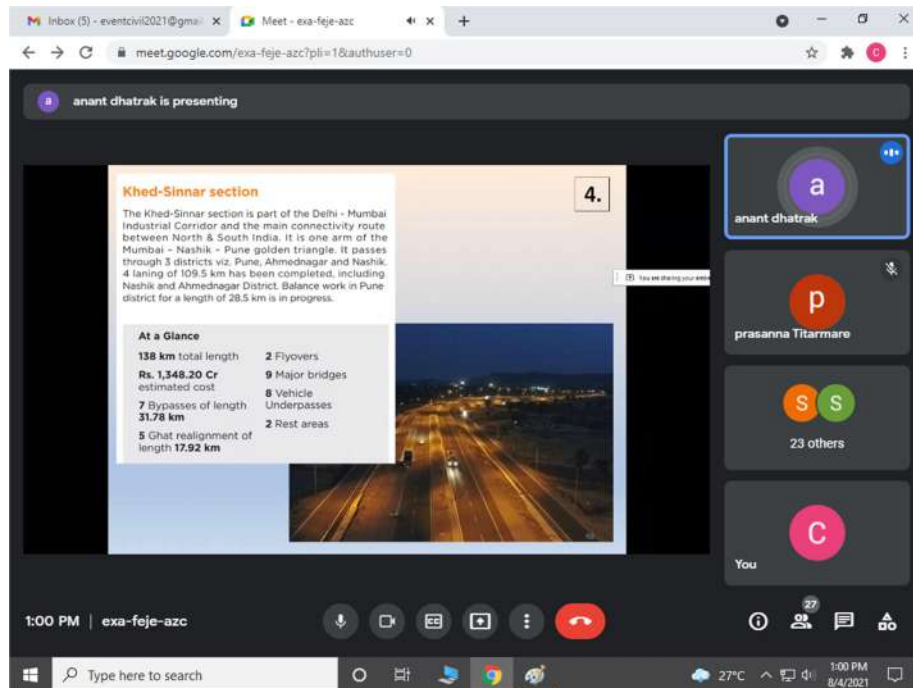
Day 1 Session 1 Photo on “Post Covid Challenges for Civil Engineers by Dr. M. B. Kumthekar, Professor, GCE, Karad.”



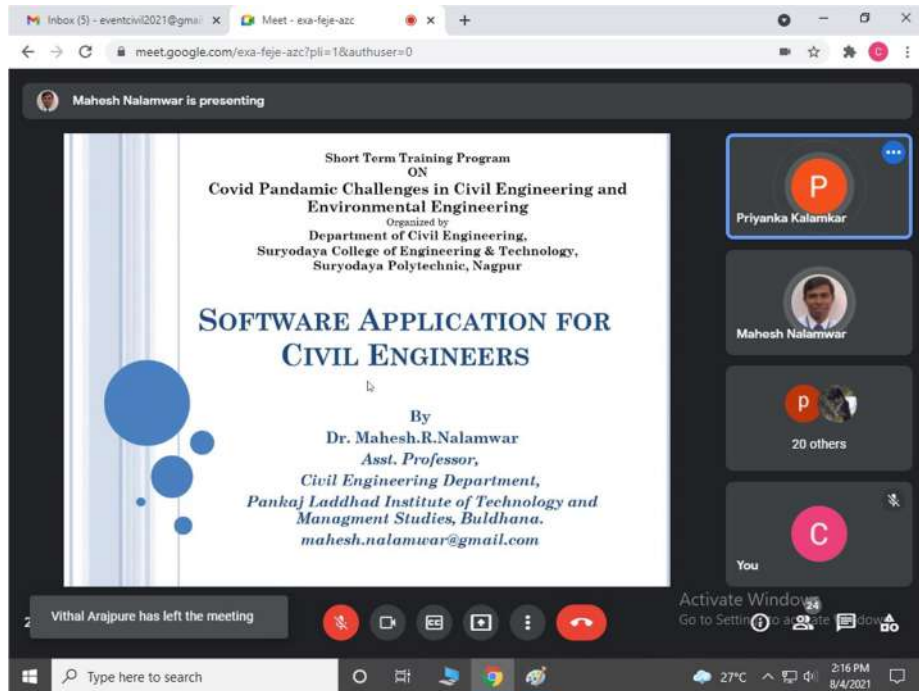
**Day 2 Session 1 Photo on “Aspects of Metro Projects in Maharashtra by Mr. Mahesh Gupta, Mazhi Metro, Ast. Manager, Nagpur.”**



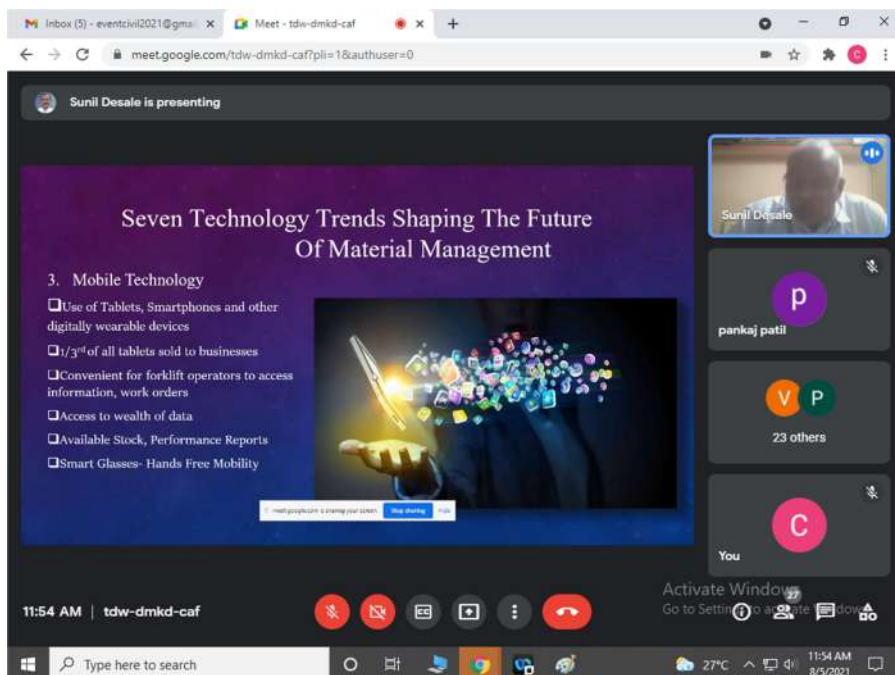
**Day 2 Session 2 Photo on “Advanced Wastewater Treatment by Dr. Ramesh Daryapurkar, CEO, LARS Enviro, Nagpur.”**



Day 3 Session 1 Photo on “Aspects of Road Projects in Maharashtra by Dr. A. I. Dhatrik, Associate Professor, GCE, Amravati.”



Day 3 Session 2 Photo on “Software Application for Civil Engineers by Dr. Mahesh Nalmwar, PLIT College, buldhana.”

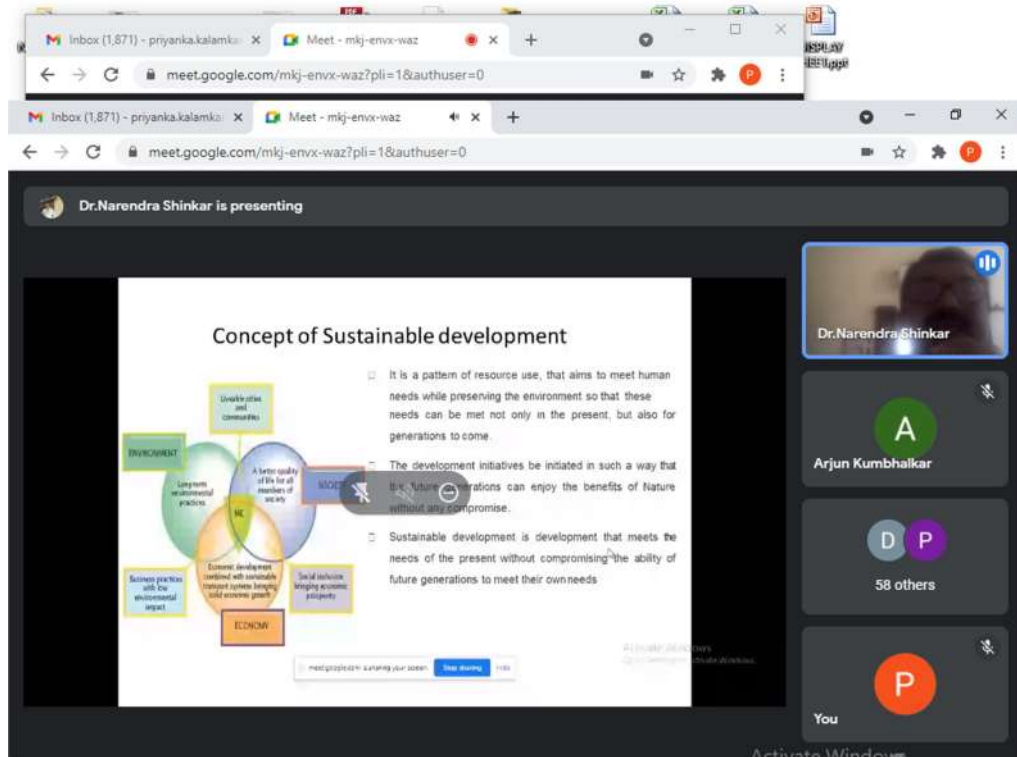


**Day 4 Session 1 Photo on “ Recent Trends in Material Management & Handling by Dr. Sunil Desale, HOD Civil, Ganga Mai College of Engineering, Nagaon (Dhule).”**

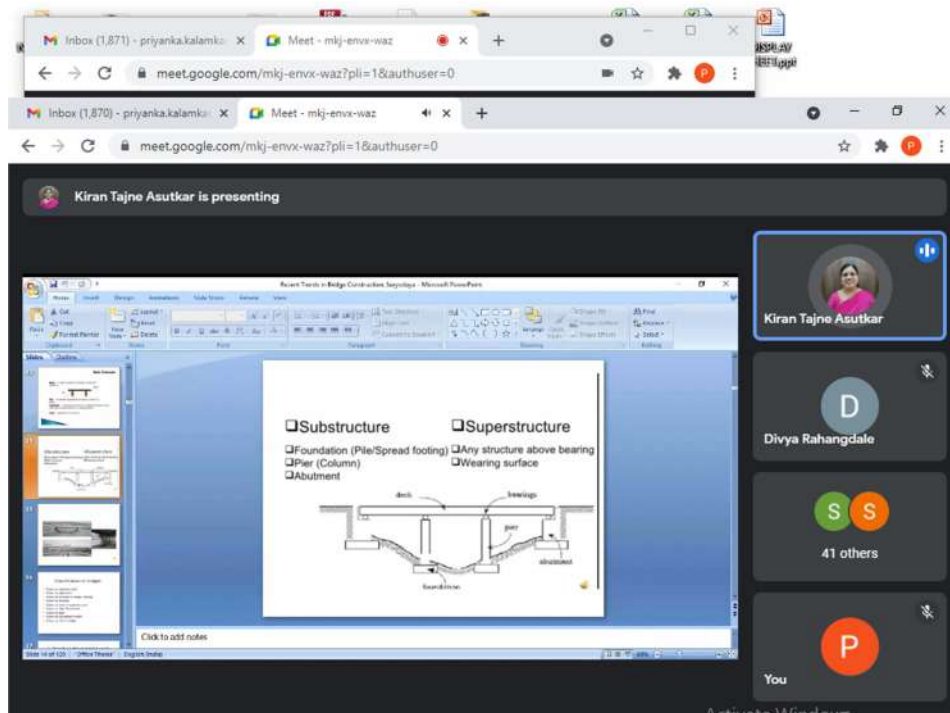


**Day 4 Session 2 Photo on “ Recent Trends Concrete Mix Design by Dr. Ashtashil V. Bhambulkar, Head, Civil Engg. Dept. ,Suryodaya College of Engineering & Technology, Nagpur.”**

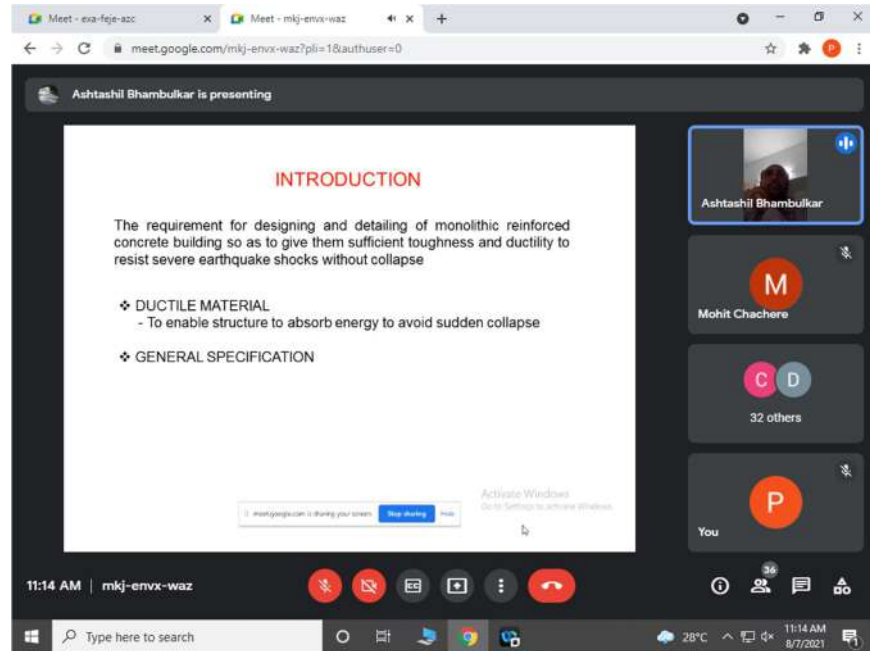




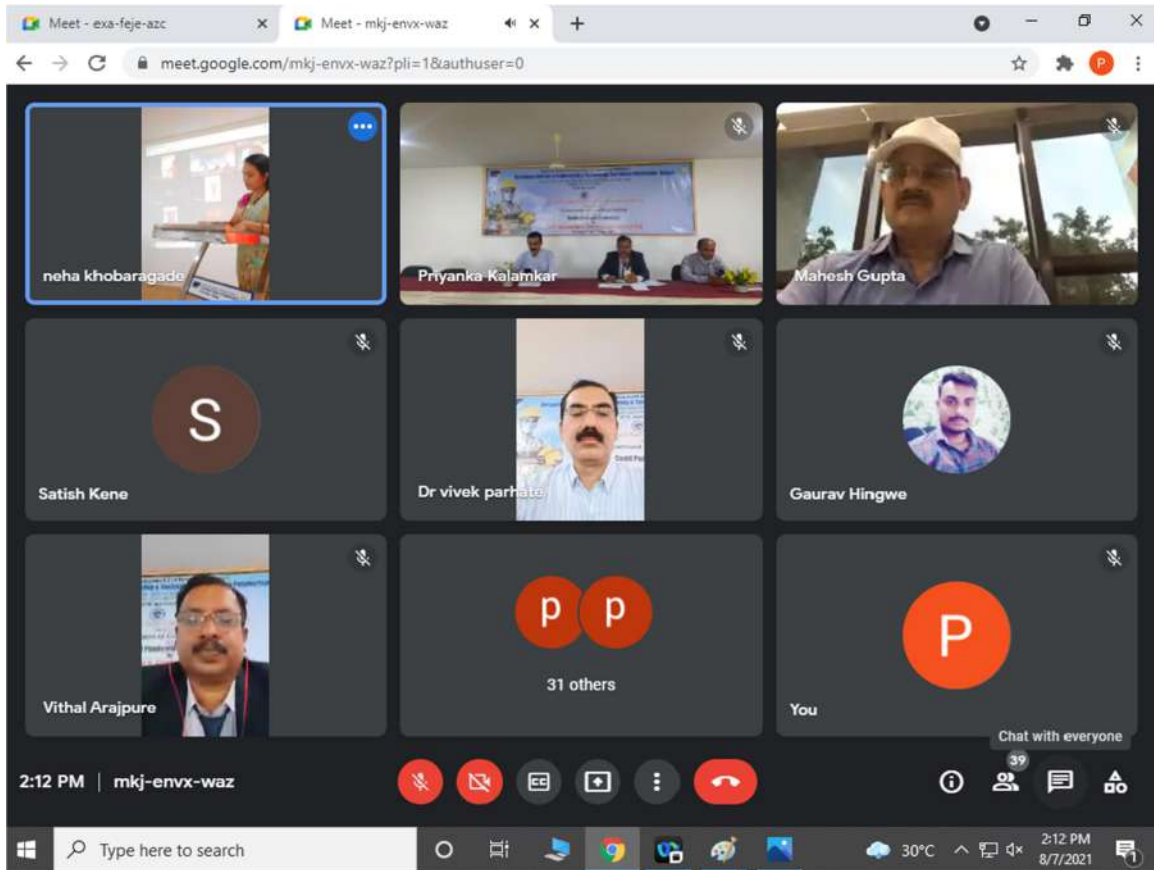
Day 5 Session 1 Photo on “Environmental Management and Law” by Dr. N. P Shinkar, HOD Civil, Government Poly, Amravati.”



Day 5 Session 2 Photo on “Recent Trends in Bridge Construction” by Dr. K. M Tajne, HOD Civil, GCE, Nagpur.”



**Day 6 Session 1 Photo on “Earthquake Design and Important provisions of revised seismic code IS 1893 (Part 1) : 2016” by Dr. Ashtashil V. Bhambulkar, Head, Civil Engg. Dept. ,Suryodaya College of Engineering & Technology, Nagpur”**



**Day 6 Session 2 Photo on “Valedictory Function in present of Dr. V. G. Arajpure Principal, Dr. V. G. Parhate Vice Principal, Dr. Ashtashil V. Bhambulkar Convener of STTP, Mr. Mahesh Gupta Chief Guest , All Exper Speaker , All staff Civil engineering department , All Participant.**