



CMR TECHNICAL CAMPUS
UGC AUTONOMOUS
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, New Delhi and JNTU, Hyderabad
Kandlakoya, Medchal Road, Hyderabad- 501 401, Telangana



DEPARTMENT OF CIVIL ENGINEERING

REPORT

Department of Civil Engineering in association with Institution's Innovation Council (IIC 4.0), CMR Technical Campus organized Session on **“Innovative Energy Aspects on Environmental Geotechnics”**.

1. Objective of the Program

- To make students aware of technical and scientific aspects of key geo societal issues.
- To aid students apply principles of Geotechnical engineering in reducing the impact on environment.
- To establish innovative sustainable solutions for energy related needs of society.
- To have exposure of advanced technology in benefitting the environment.

2. Benefits /Outcome of the Program

- Students would be familiar with techno scientific aspects of global geo societal issues.
- Hands on exposure on interdisciplinary issues pertaining to environmental geotechnical engineering.
- Students would be able to develop sustainable and environmental solutions by applying geotechnical principles.
- Students would be able to apply environmental geotechnical practices for producing green economy.

3. Date: 18 -04-2022

4. No of Participants number : 115

5. Expenditure amount (if any): Rs.2500 (Two thousand five hundred rupees only)

6. Photographs

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide with the following content:

- Logos:** INSTITUTION'S INNOVATION COUNCIL, CMR (CENTRAL MARINE RESEARCH), and NAAC (National Assessment and Accreditation Council).
- Text:** CMR TECHNICAL CAMPUS, UGC AUTONOMOUS, Kandlakoya, Medchal Road, Hyderabad- 501 401, Telangana.
- Title:** Innovative Energy Aspects on Environmental Geotechnics
- Date:** 18-04-2022
- Author:** By Dr.R.Suresh, M-Tech, Ph.D, AMIE, MASCE, Assistant Professor, Department of Civil Engineering, J B Institute of Engineering & Technology.

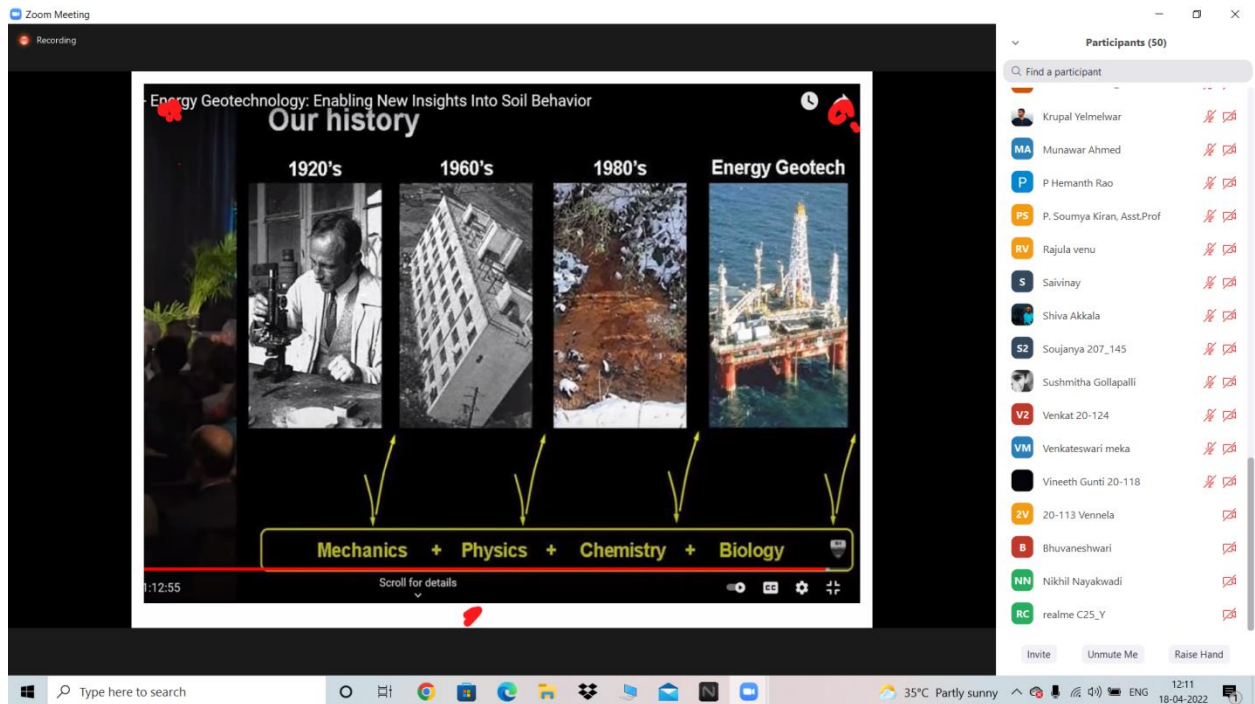
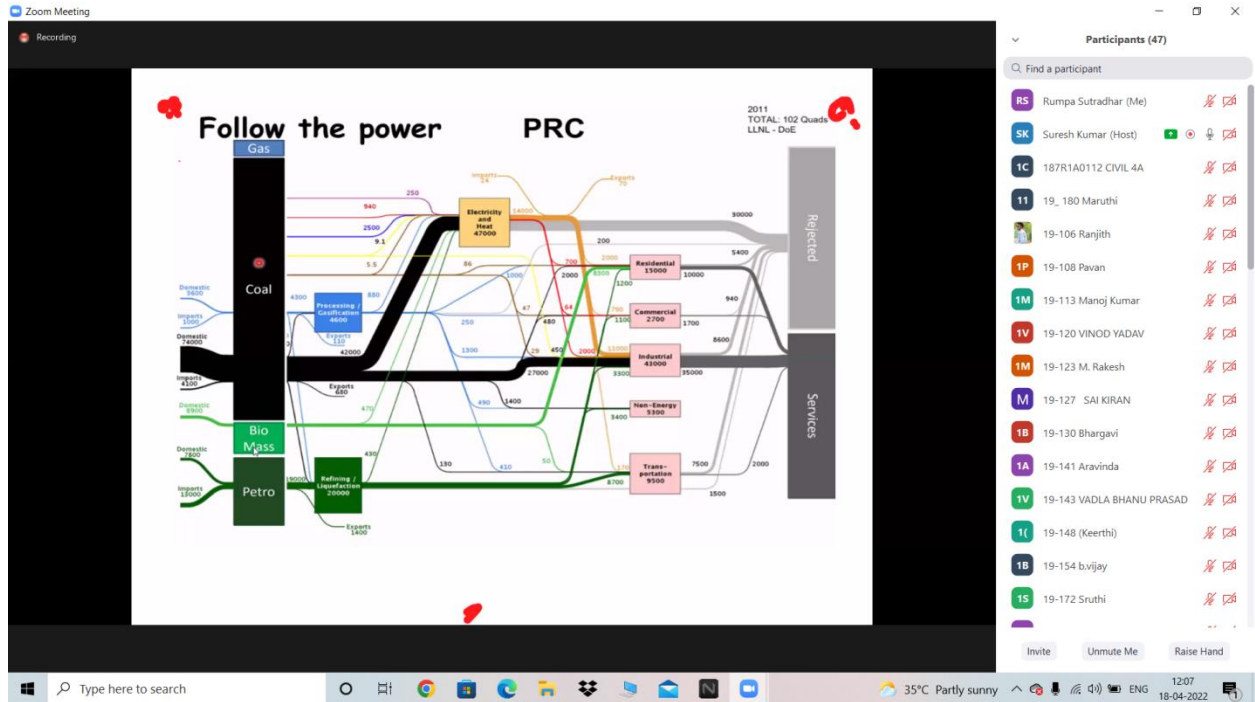
The right sidebar shows a list of 98 participants. The bottom toolbar includes icons for Unmute, Start Video, Participants, Chat, Share Screen, Record, Reactions, and a Leave button.

The screenshot shows a Zoom meeting in progress. The main window displays a presentation slide titled "Motivators" for "ENERGY GEOTECH".

The slide content includes:

- Timeline:** 1900s to 2000s.
- Vertical Text:** SCIENCE TECHNOLOGY NEEDS.
- Topics:** infrastructure, dams, earthquakes, environment, lab & field characterization, geophysical methods, num. simulation.
- Fields:** Mechanics, Physics, Chemistry, Biology.
- Boxed Text:** ENERGY GEOTECH.

The right sidebar shows a list of 83 participants. The bottom toolbar includes icons for Unmute, Start Video, Participants, Chat, Share Screen, Record, Reactions, and a Leave button. A "Remaining Meeting Time: 09:21" indicator is visible at the top.



Zoom Meeting

Recording

Energy Pile system

Participants (43)

Find a participant

- H Harika
- JN Jakka Nikitha19_164
- Krupal Yelmelwar
- MA Munawar Ahmed
- PS P. Soumya Kiran, Asst.Prof
- RV Rajula venu
- S Saivinay
- S Sathvika Yedunoori
- Shiva Akkala
- S2 Soujanya 207_145
- V2 Venkat 20-124
- VM Venkateswari meka
- Vineeth Gunti 20-118
- 1M 19_123 M. Rakesh
- 2V 20-113 Vennela
- KK Kundru karthik Reddy

Invite Unmute Me Raise Hand

Type here to search

35°C Partly sunny 1201 18-04-2022

Recording

Speaker View

Participants (96)

Find a participant

- RS Rumpa Sutradhar (Me)
- SK Suresh Kumar (Host)
- VM Venkateswari meka
- 1A 106 Aswin kumar
- 18-175-RamaKrishna48
- 18-160 vivek goud
- 1C 187R1A0112 civil 4A
- 1M 19_123 M. Rakesh
- 1K 19-101 Kranthireddy
- 1C 19-102 charan reddy
- 19-106 Ranjith
- 1P 19-108 Pavan
- 19-112 Saikiran Goud
- 1M 19-113 Manoj Kumar
- 1G 19-114 Gnanada
- 19-115 Jeshwanth

Invite Unmute Me Raise Hand

Unmute Start Video

Participants Chat Share Screen Record Reactions Leave

96

8. Video link url

<https://drive.google.com/file/d/1I6F3XhbwW91KKEIE1CWBym1fi9nrJE8qk/view?usp=sharing>

9. Poster

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


Dr.R.Suresh (Speaker)
Assistant Professor
Department of Civil Engineering
J B Instituite of Engineering & Technology