



KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University) (Estimated Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641 021, Tamil nadu, India.

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Guest Lecture

ON

MECHANICS OF MATERIALS

Organizes by

DEPARTMENT OF CIVIL ENGINEERING



Er. P. SIVAKUMAR M.E., (Struct), Ph.D.,

MANAGING DIRECTOR

TAMILNAD CONSTRUCTIONS

130/6/5-TNC, Thiru.Vi.Ka. Road, Karur- 639001.

DATE: 14.08.2020

TIME: 11.30 am – 1.00 pm

Google Meet Link

<https://meet.google.com/uvh-bfhk-frh>

CONVENER

Dr.N. BALASUNDARAM
PROFESSOR & HOD
CIVIL DEPARTMENT, KAHE.

FACULTY COORDINATOR

Ms. S. SOLAI MATHI M.E.,
ASSISTANT PROFESSOR,
CIVIL DEPARTMENT, KAHE.

STUDENT COORDINATOR

Mr. K. S. AJITH
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Report

Report of **Guest lecture on Mechanics of Materials on 14.08.2020** at KAHE Campus.

As per the initiative of IIC-KAHE, the department of civil engineering has organized a **Guest lecture on Mechanics of Materials on 14.08.2020** at KAHE Campus. **Ms. S. Solai Mathi, AP/CIVIL/KAHE** was assigned as organizing secretary; and the Convenor of this program was Dr. N. Balasundaram, HOD & Professor, Civil Department, KAHE.

Er. P. Sivakumar M.E (Struct)., (Ph.D), Managing Director, Tamilnad Constructions, Karur, Tamilnadu, India was the resource person for the event. This event was conducted in association with Tamilnad Constructions, Karur. KAHE (III and IV – Year Civil Engineering) students were given idea on the basic concept of Mechanics of Materials to be followed through this program. It was an eye opener session for the students. Totally 50 Students and 7 faculties of Department of Civil Engineering, KAHE have been benefited by participating in the event.

Session Details:

The resource person shared the key points on the Mechanics of Materials

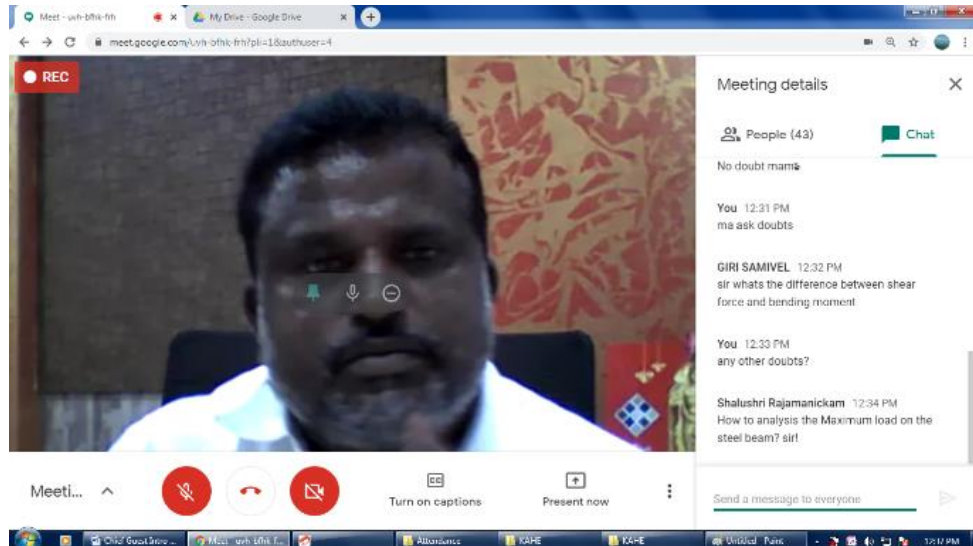
The key points were discussed in the program as follows

1. **Importance of the mechanics of materials in the life of a Civil Engineer.**
2. **The forces acting on the structural elements.**
3. **Concepts of Shear force and Bending moment**
4. **Influence of shear force and Bending moment diagram in structures.**
5. **Different types of beams and their applications.**
6. **Thinks to be well-versed in Site.**
7. **Applications of forces in beam column joints.**



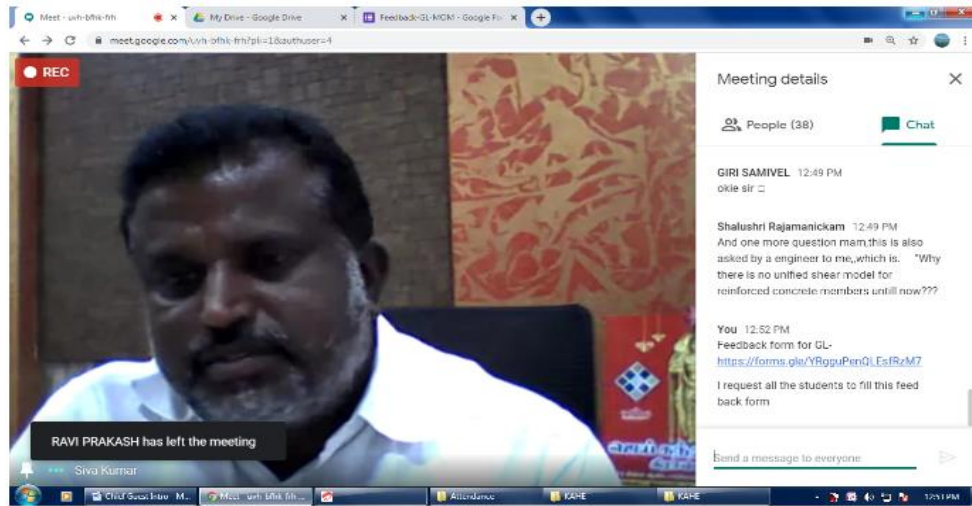
Resource Person explaining about the practical skills

Guest Lecture program on “Mechanics of Materials” on 14.08.2020 via Google Meet.



Interaction of resource Person with Students

Guest Lecture program on “Mechanics of Materials” on 14.08.2020 via Google Meet.



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Guest Lecture program on “Mechanics of Materials” on 14.08.2020 via Google Meet.