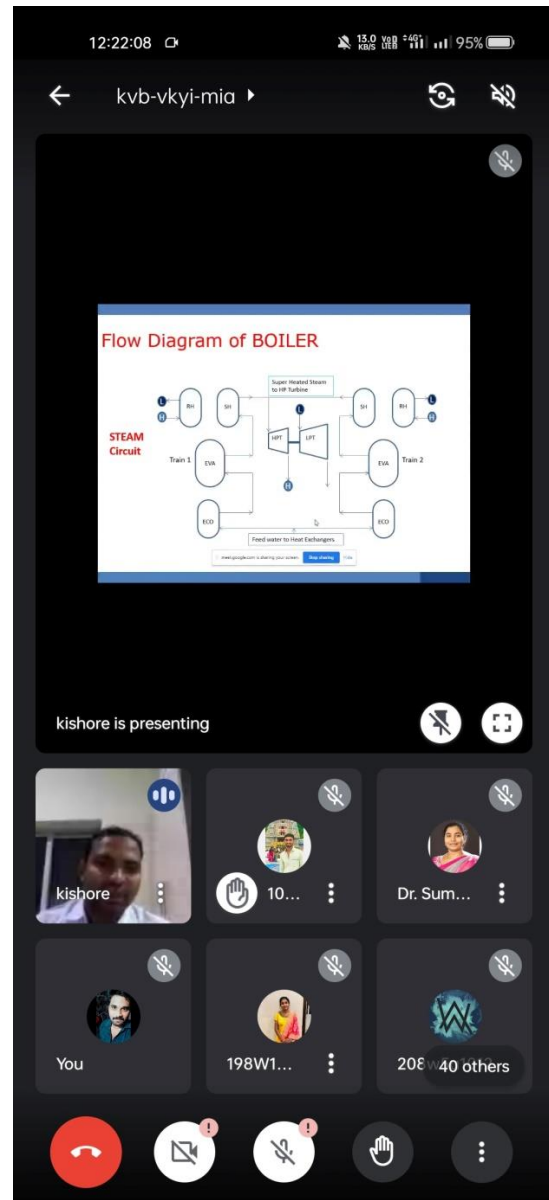
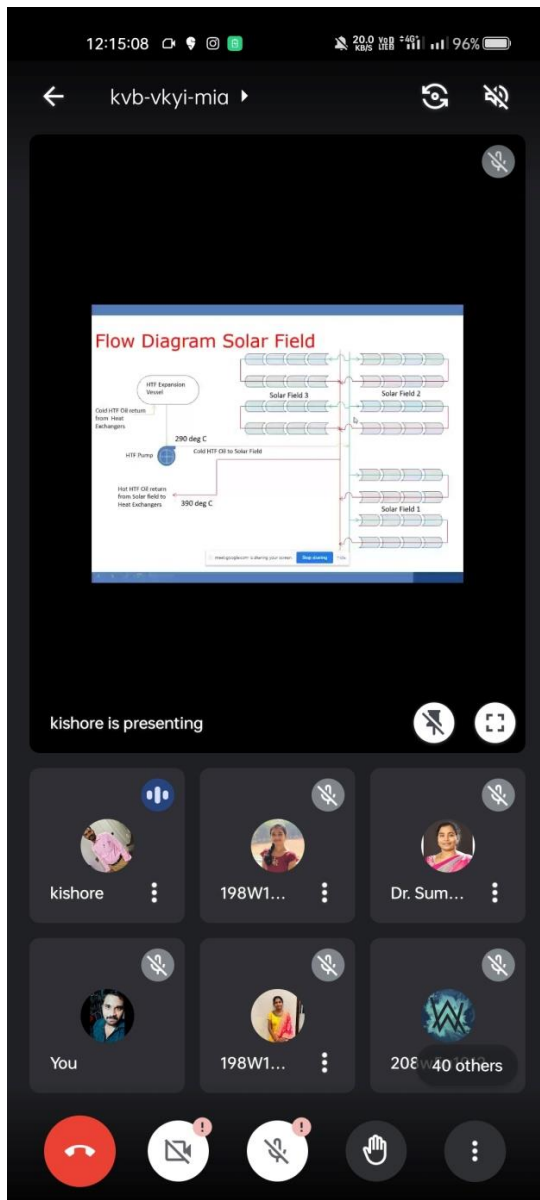
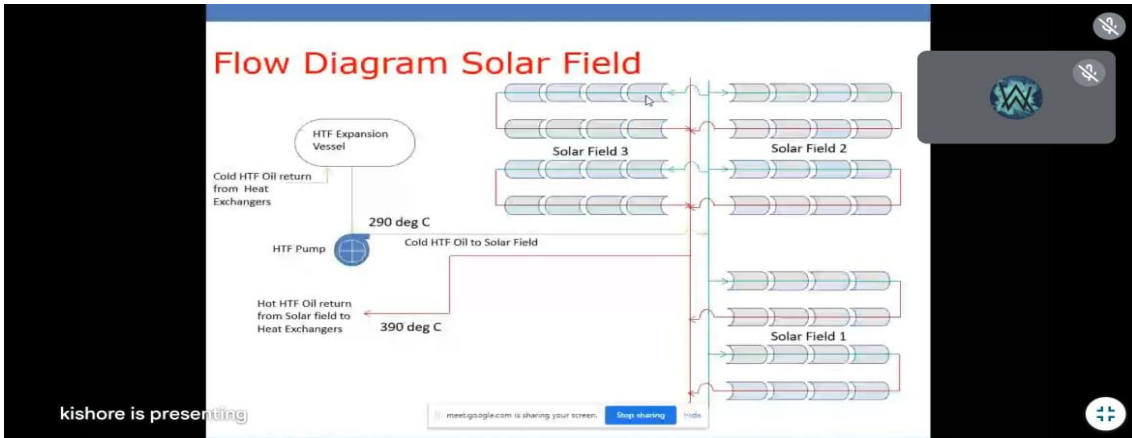


**Guest Lecture on "Role of Instrumentation and Control in Solar Power Plant"**  
19<sup>th</sup> September 2022

Department of Electronics and Instrumentation Engineering have organized a Guest Lecture on "Role of Instrumentation and Control in Solar Power Plant" on 19<sup>th</sup> September 2022 by **Mr. S. Kishore Kumar, Associate Manager - Operations, Mega Engineering & Infrastructure. Ltd., Hyderabad.** Topics covered in the guest lecture include solar panels, arrangement of trackers, process flow diagram of solar field, Boiler, Steam generation etc. The Program was coordinated by **Dr.A.Sumalatha,Asst.Prof. EIE.** 50+ students from 4<sup>th</sup> year B.Tech have participated.





12:26:05

kvb-vkyi-mia

### STEAM GENERATOR TRAIN-1

The diagram shows the internal components of a steam generator train. It includes a Hot Reheat Heater (HRH), a Super Heater, a Steam Drum, and a Preheater. The flow starts with 'HOT HRH' entering from the left. The steam then passes through the Super Heater, the Steam Drum, and the Preheater before exiting as 'MAIN STEAM OUT LET'. 'FEED WATER' enters from the right, passes through the Preheater, and then the HRH. The 'HTF TO EXPANSION VESSEL' is shown at the bottom left.

kishore is presenting

Participants: kishore, 10..., Dr. Sum...

12:14:50

### About this call

People Info

Add others

Share joining info

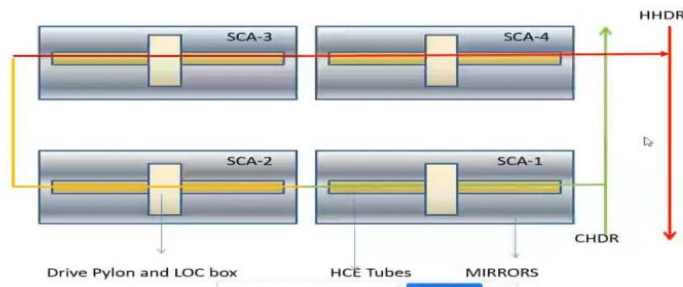
Search for someone in this call

In call

- 198W1A1054-Sec-B PALLEVADA YUVA TEJA (You)
- Dr. Sumalatha Akunuri Meeting host
- Dr. Sumalatha Akunuri Meeting host
- 1059 KASI ESWAR
- 198\_074Sireesha Valle
- 198-030 Aishwaryamaddineni
- 198W1A1007-Sec-A CHALLA KAV...
- 198W1A1008-Sec-A CHANAMOL...
- 198W1A1011-Sec-A CHIVUKULA V...
- 198W1A1021-Sec-A KALAGANI G...
- 198W1A1022-Sec-A KANTA
- 198W1A1023-Sec-A KARN...

Participants: You, kishore +45

### LOOP ARRANGEMENT:



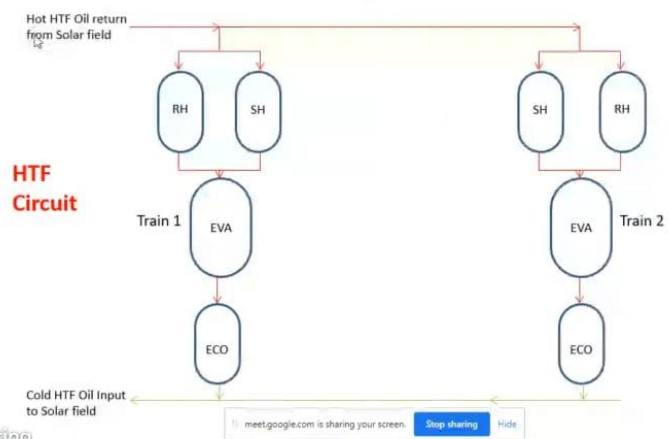
kishore is presenting

### TRACKING:



kishore is presenting

### Flow Diagram of BOILER



kishore is presenting

Prepared by

(Dr.A.Sumalatha)  
Asst.Prof.EIE  
VRSEC