

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)





Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME) under Tier - I

Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada

Department of Mechanical Engineering

Guest Lecture Report on

"HOME ENERGY MANAGEMENT IN THE CURRENT PANDEMIC SITUATION" and "FLOATING SOLAR POWER PLANT"

Date / Duration: 22nd December, 2021, 2.00 PM to 4.15 PM

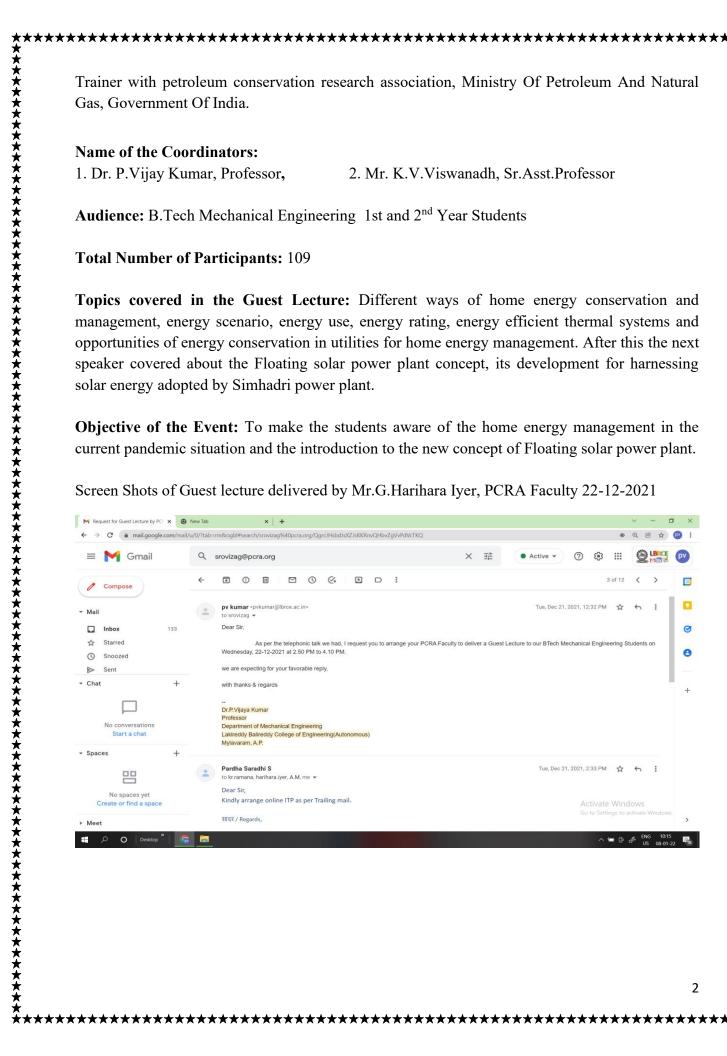
Resource Person(s)

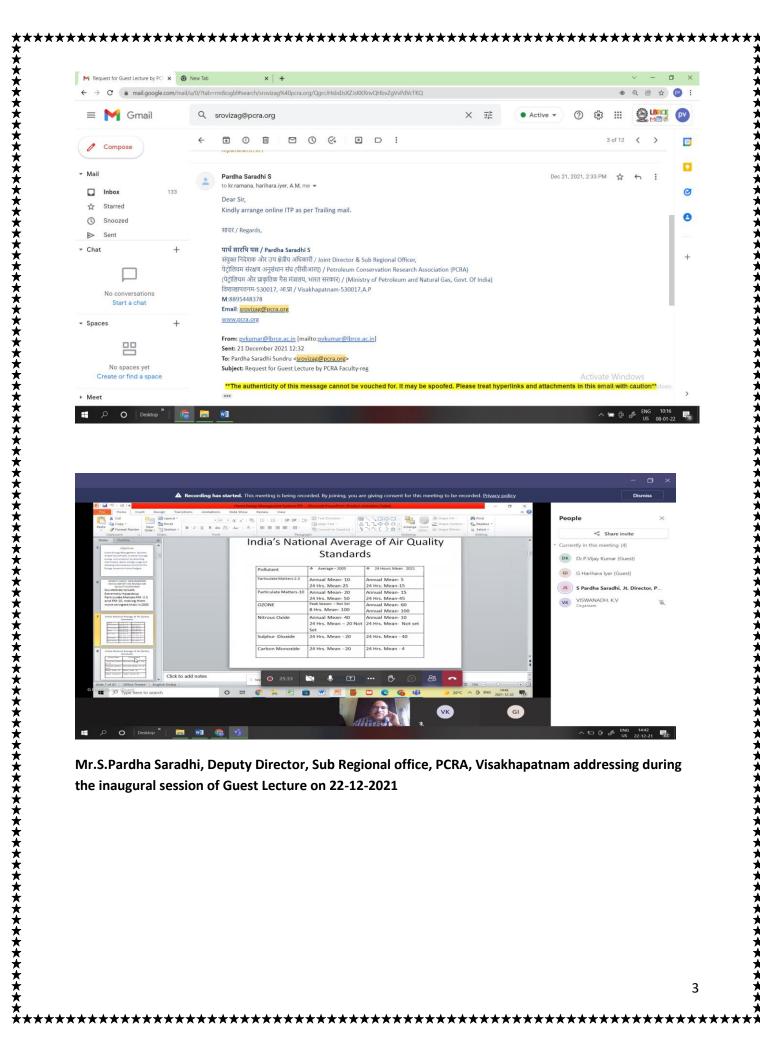
Speaker 1: Mr.G.Harihara Iyer, PCRA Faculty, Vizag Speaker 2: Mr.K.R.Ramana, PCRA Faculty, Vizag

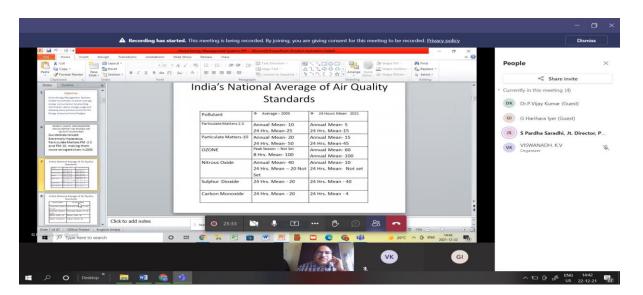
Sub Regional Office, Ministry of Petroleum Oil and Natural Gas, Govt of India, Visakhapatnam.

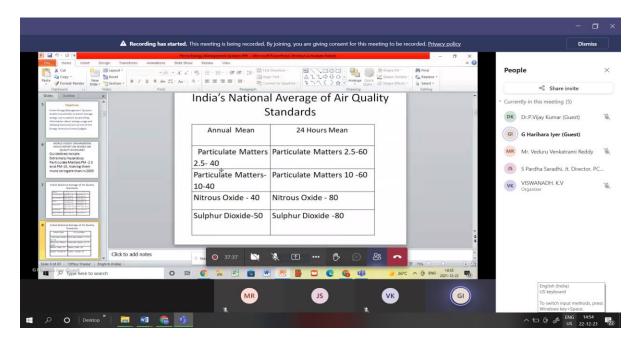
Mr.G.Harihara Iyer, is working as the PCRA Faculty at Sub Regional Office, Department of Oiland Natural Gas, Govt of India, Visakhapatnam. His qualifications are Graduate in Mechanical and Mining Engineering and Certified Energy Auditor from Bureau of Energy efficiency since 2006. He is the Recipient of several awards for significant professional contributions from Institutions of Engineers (India), Mining, Geological and Metallurgical Institution of India, NEDCAP, Hyderabad Etc. He is the President of the Indian Association of Energy Management Professionals (IAEMP) is a group of highly qualified, committed and dynamic conscience keepers to nation on energy matters.

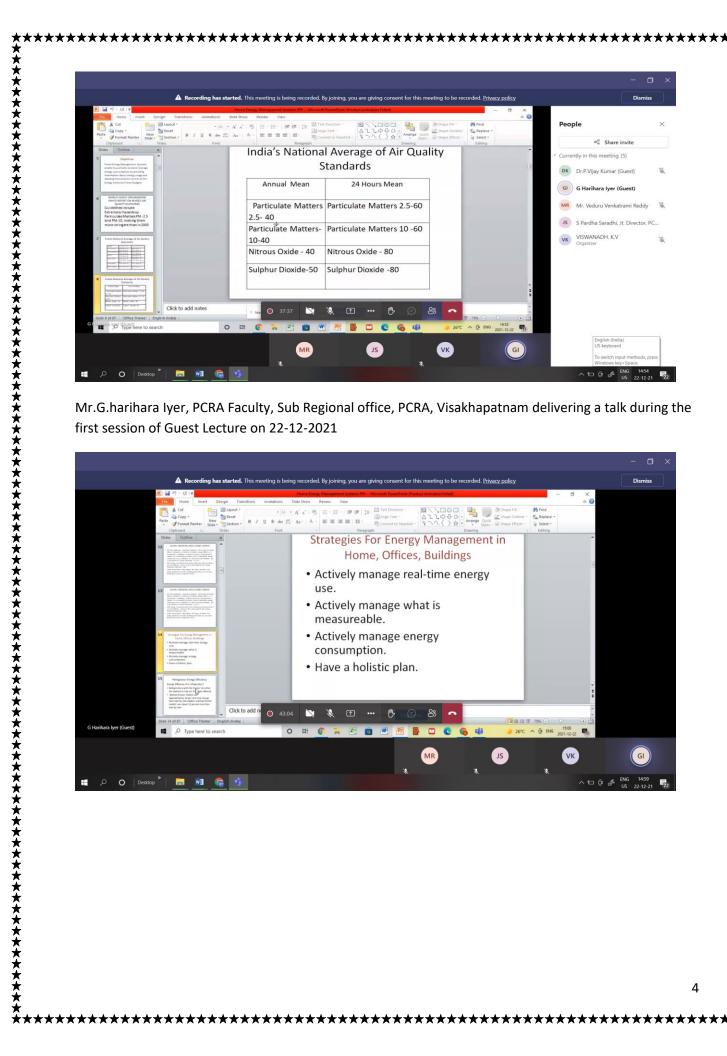
Mr.K.R.Ramana, is a Certified Auditors for ISO 9001, 14001, OHSAS 180001, uundergone Training for implementation of Energy Management System ISO 50001, Certified Energy Auditor by Bureau of Energy Efficiency, Ministry of Power, Government of India and Competent project leader in Oil, Gas & Sector with over 45 years of experience in Fire, Marine, Engineering Insurance Surveys, Project Management, Construction Management, Accident investigation, Insurance Surveys, Inspection, Testing, Quality, Occupational Health Safety & Environmental Management Systems Audits. Government Approved Competent person under Factories Act and Rules (in accordance with API Standards) Static & Mobile Pressure Vessels (Unfired) Rules (India) such as Bullets Petrochem, Horton's Sphere for LNG, LPG, Shale Gas, Hydrogen etc (as per ASME Section VIII Part I & Part II.. He is the Empanelled Faculty and

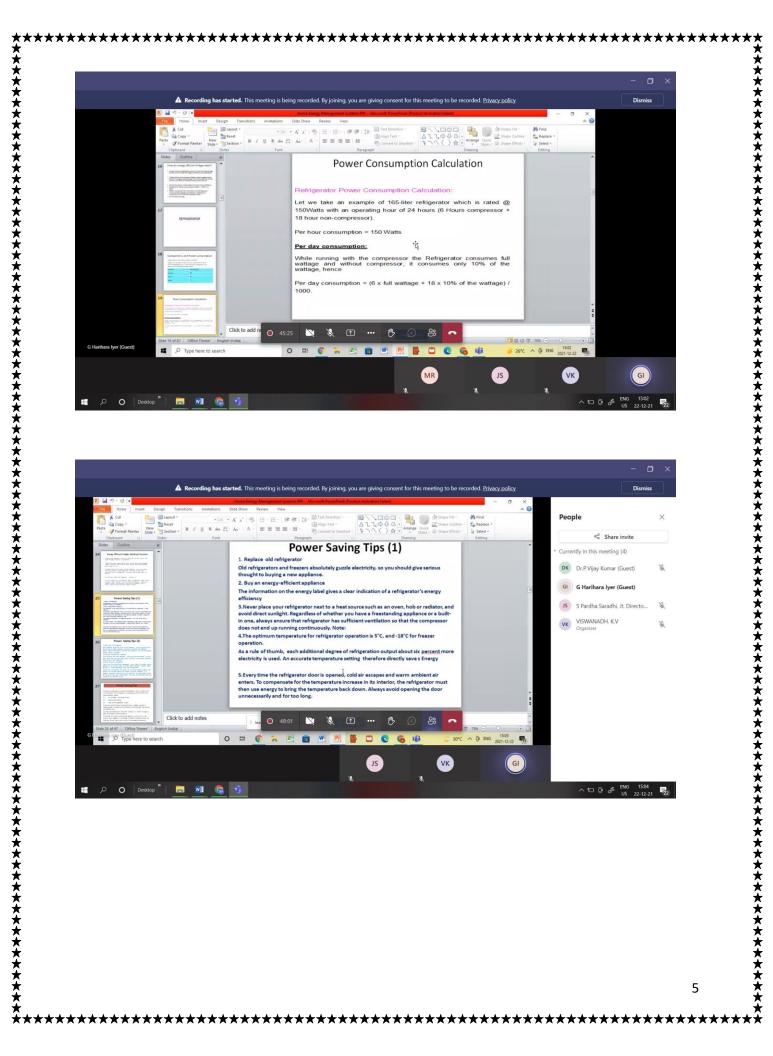


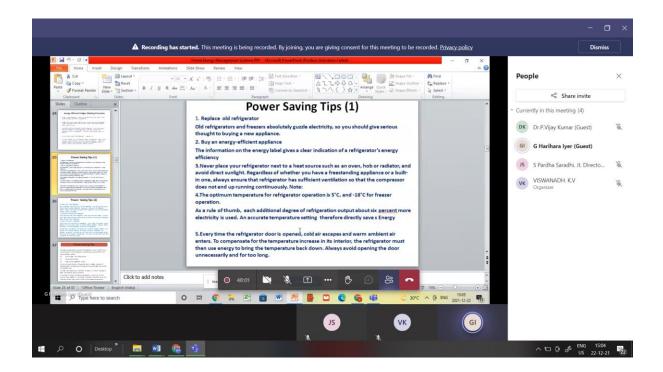


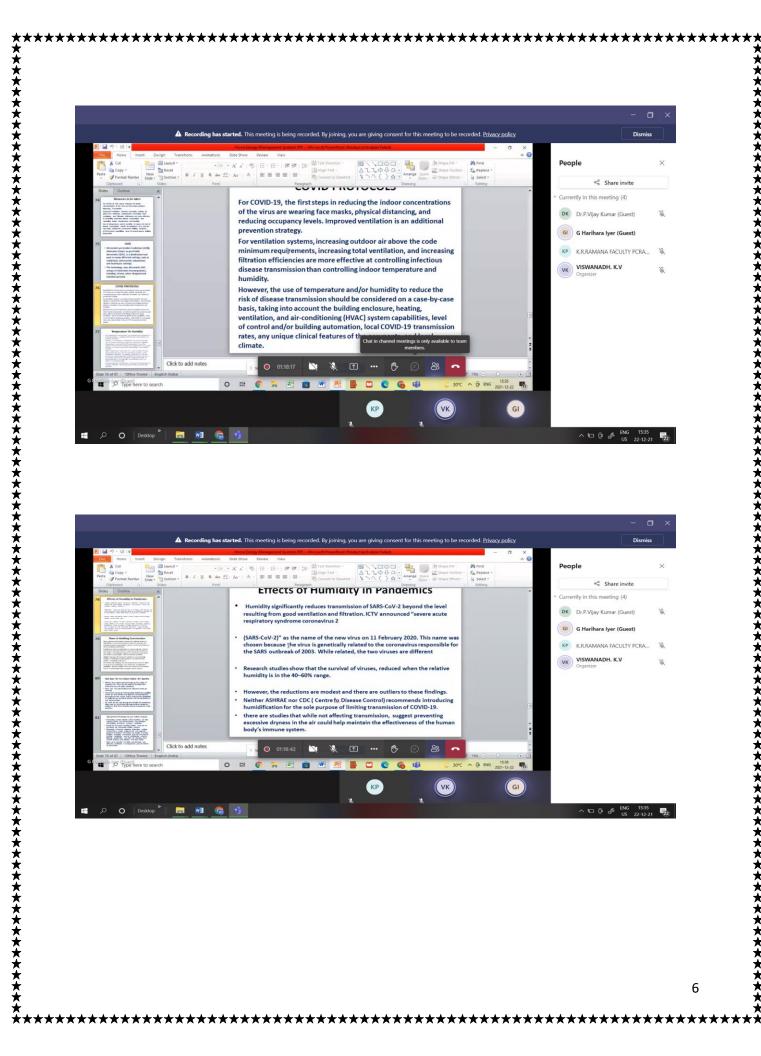


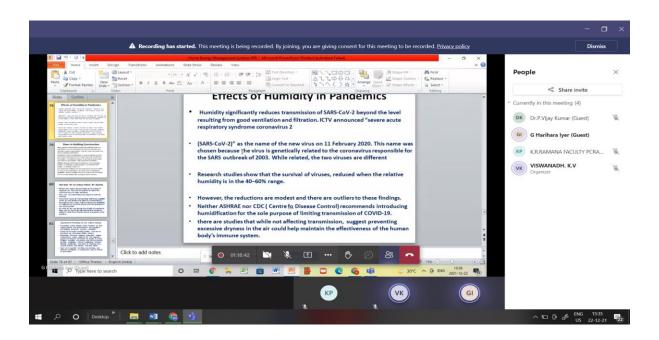


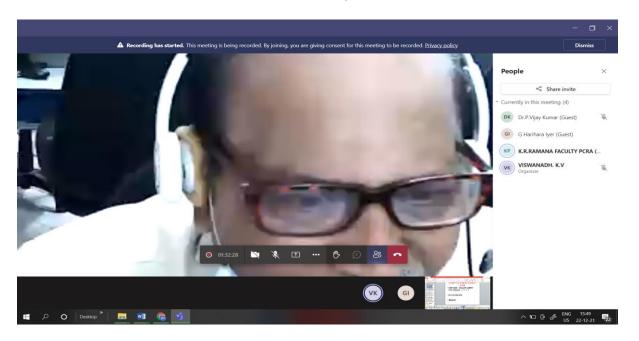


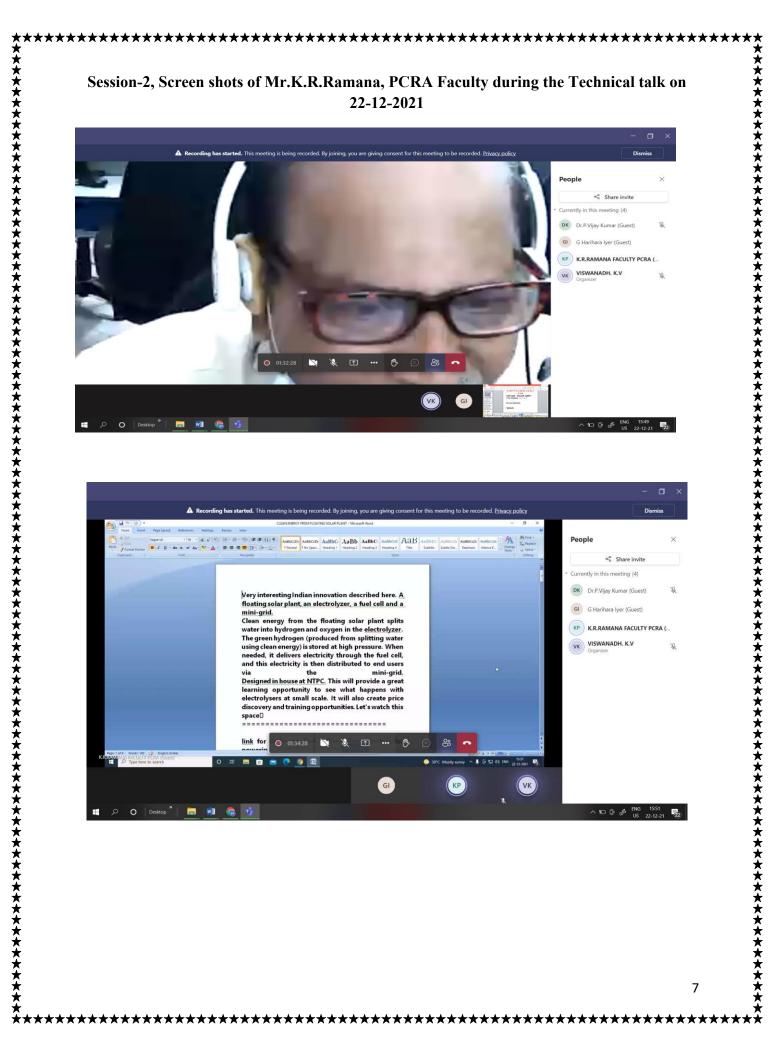




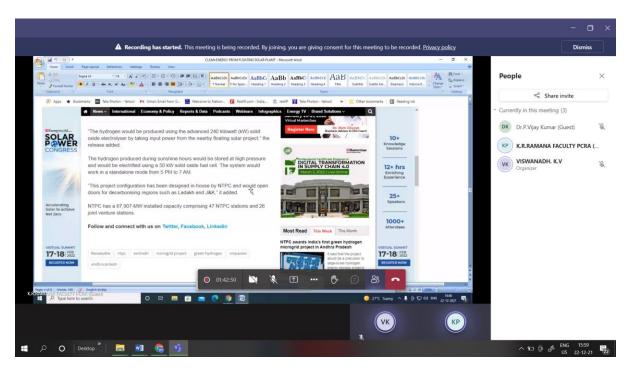


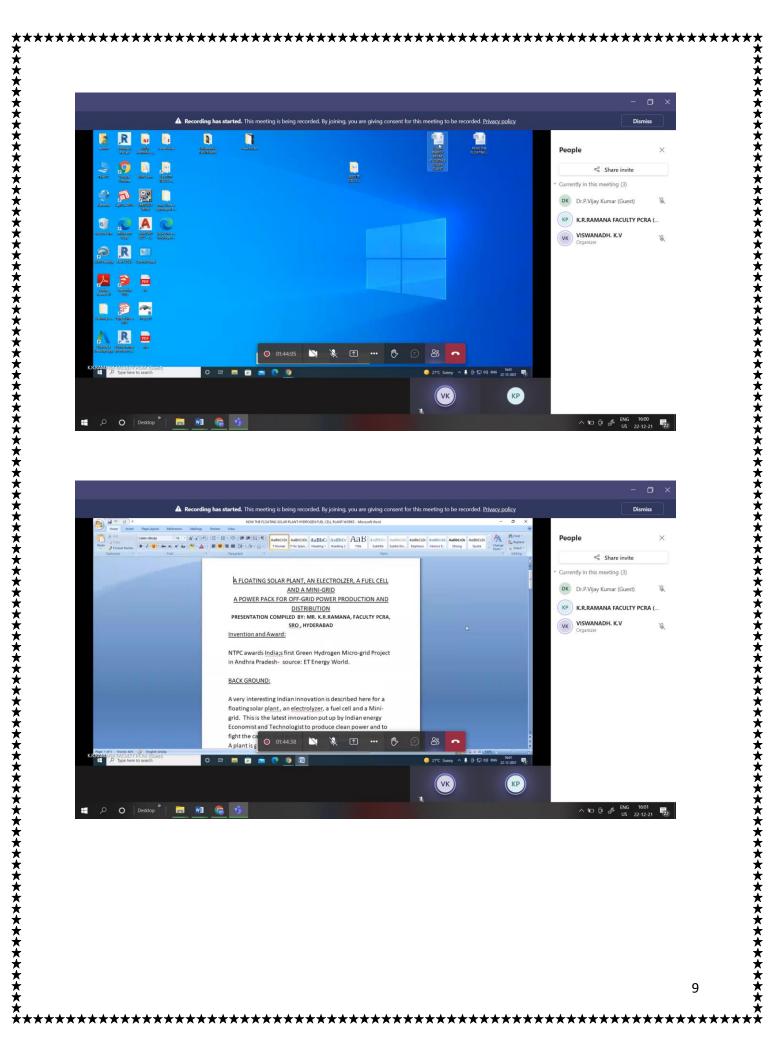


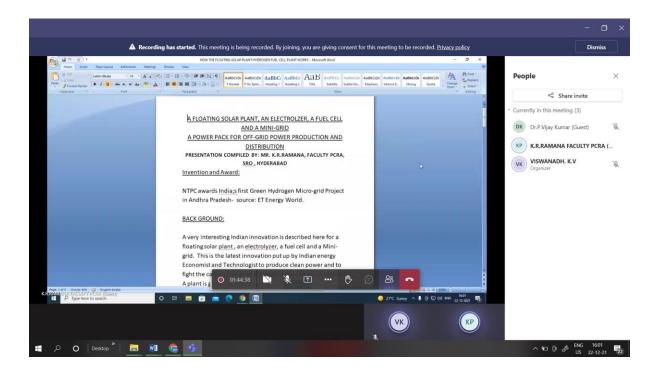


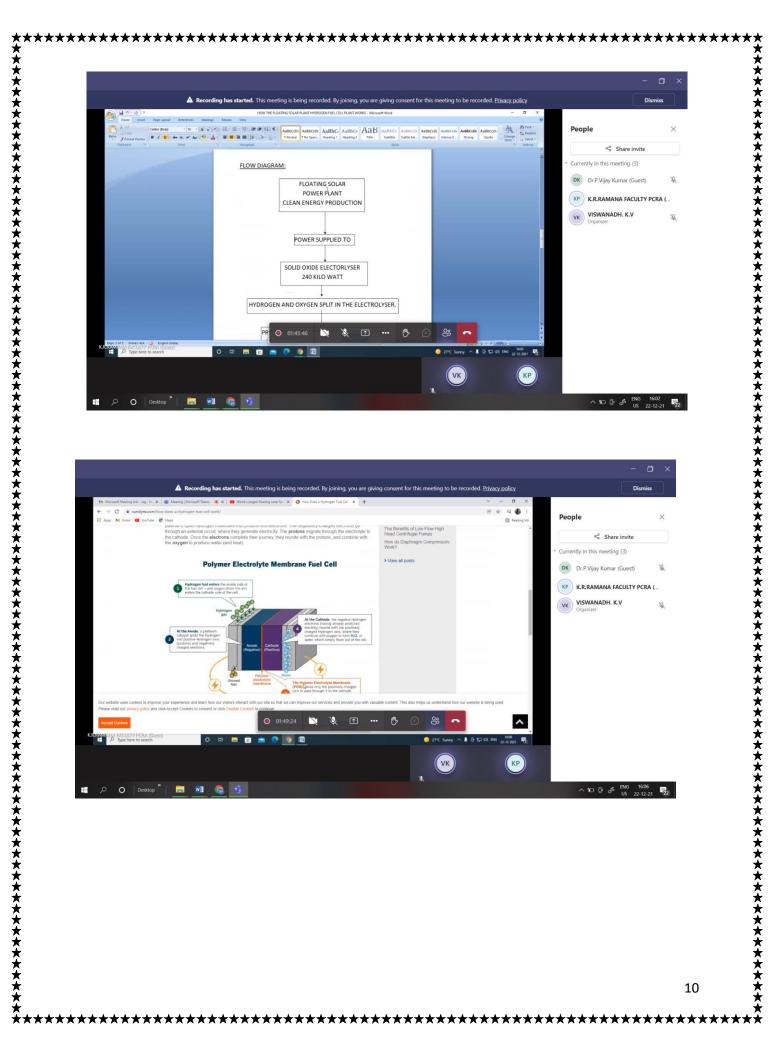


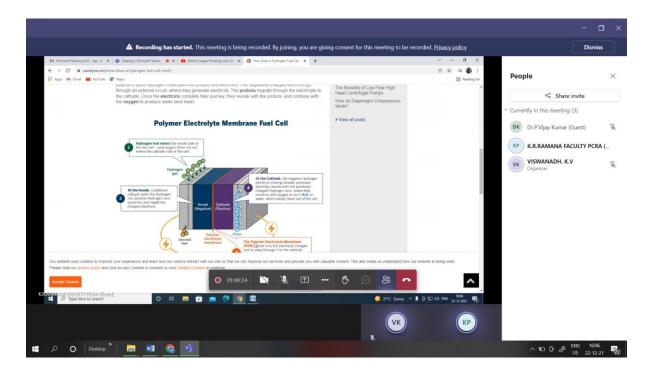


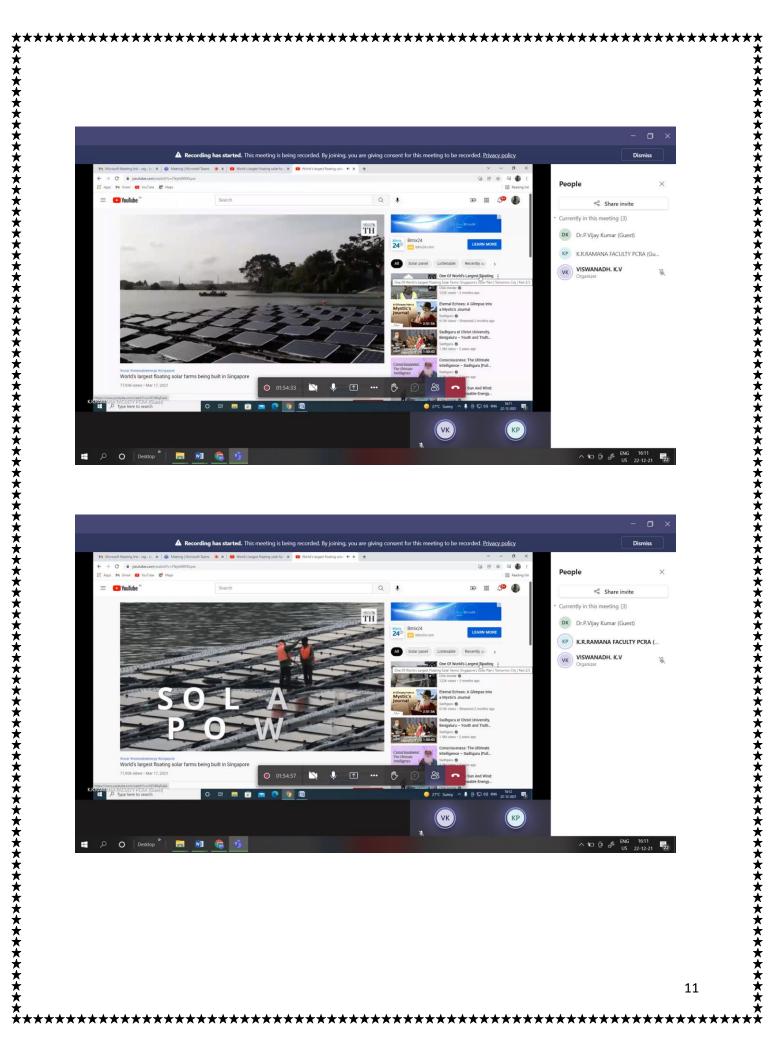


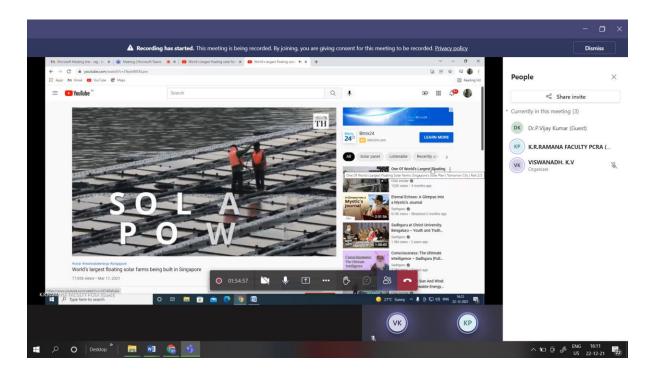


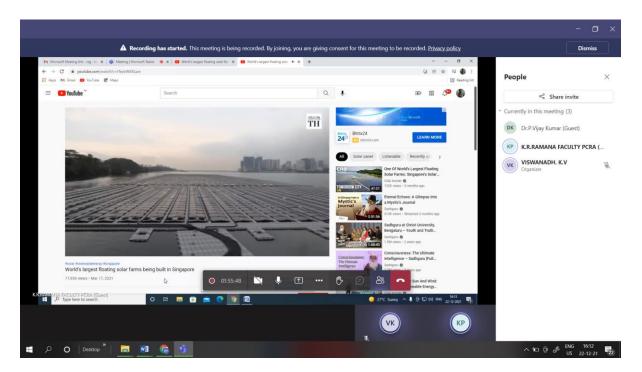












Outcome of the Event: The 104 participants who attended the webinar gave their feedback on the guest lecture and gained knowledge on the scope of home energy conservation and management and the introduction to the new concept of Flaoating solar power plant.

Feedback / Suggestions:

- 1. Play the related videos of the topic delivered wherever necessary for better understanding
- 2. Explain some case studies from industries and R&D centres

Feedback Report: The student participants gave their feedback on the guest lecture and the responses were shown in the form of grapph given below.

