

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology,
Baramati

Training and Placement Department

Activity Report

Name of Activity: - Energy Conservation and Alternative Fuel Vehicles

Date of Activity conducted: - 8/09/2020 to 8/09/2020

Activity Organized by: - T&P Department in association with Petroleum Conservation Research Association (PCRA) Mumbai.

Session Speakers/Trainers: - Mr. Sudhir Shah (Faculty Trainer PCRA)

Target Audience: - SE to BE Electrical Engineering Department Students and Faculty.

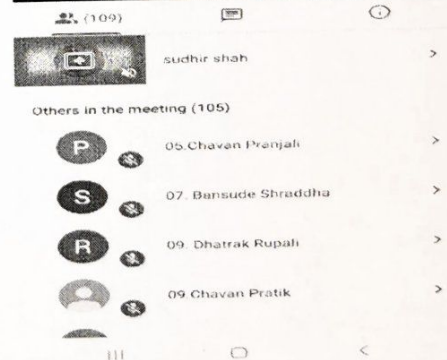
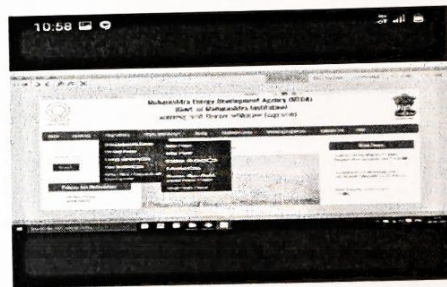
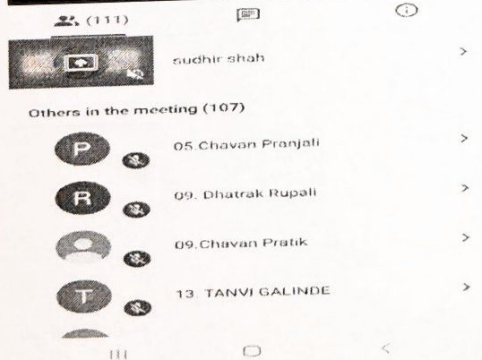
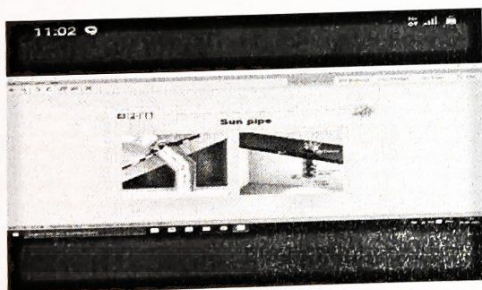
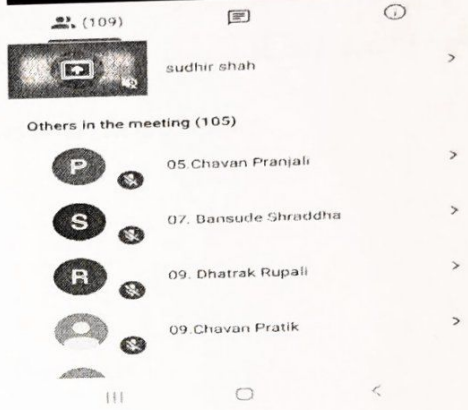
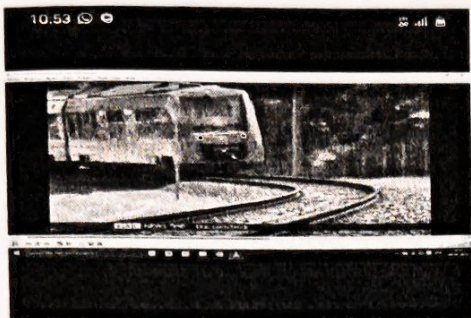
Objective of Session/Training: - To create awareness among the students regarding to energy conservation and alternative fuel vehicles. To discuss the higher education opportunities in energy field.

Petroleum Conservation Research Association (PCRA) is a registered society set up under the aegis of Ministry of Petroleum & Natural Gas, Government of India. As a non-profit organization, PCRA is a national government agency engaged in promoting energy efficiency in various sectors of economy. It helps the government in proposing policies and strategies for petroleum conservation, aimed at reducing excessive dependence of the country on oil requirement. Over the years, PCRA has enlarged its role in improving productivity in use of various sources of energy.

Our institute is continuously taking efforts to make students and faculty aware about energy conservation. Mr. Sudhir Shah who is faculty trainer in PCRA Mumbai has conducted online session for electrical engineering department students and faculty on 8/09/2020.

Mr. Sudhir Shah has discussed many important points through presentation slides and videos. During the session he has covered comparison of three alternative fuel vehicles: Electric Vehicles (EV), Hydrogen Fuel Vehicles and Ammonia Powered Vehicles (APV). The important concepts like Fuel and Electricity conservation in Industrial and commercial Buildings, Upcoming new sources of energy, Innovations in battery technology, Higher education opportunities for students in wake of upcoming revolution in energy field are also discussed.

Students have received Career guidance from Mr. Sudhir Shah. He has discussed ten common interview questions and their perfect answers. All the topics were covered in very interesting manner by showing appropriate videos, images and slideshows. Around 100 students and 11 faculty of electrical engineering department has attended this online session. T&P Coordinator Mr. Ramchandra Rakate has worked as a moderator for this session.



Screenshots of Online Session



Sr.No.	Full Name	Class	Email Address	Attendance
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Training and Placement officer of institute Mr. Vishal Kore has done anchoring during this online session. Mr. Rohit Tarade (Faculty electrical dept.) has given support to make this online session successful.

Expected Outcome: - Students should be able to

- 1) Understand the importance of energy conservation.
- 2) Explain the alternative fuel vehicles.
- 3) Think about fuel and energy conservation techniques in industrial and commercial buildings.
- 4) Identify higher education and career opportunities in the field of energy.

Date: - 9/9/2020

Place: - VPKBIET, Baramati



Ajay Kore
Training & Placement Officer
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