



The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

8 GOKHALE ROAD, KOLKATA – 700 020

(Lecture /Paper presentation/Seminar//Workshop/Conference/Technical/Project Demonstration/Model competition/Poster Competition/Group Discussion/Technical Quiz/Aptitude Test/Technical Visit/Film show/Display of Technical Information/Short term course)

Title /Theme: - Extramural Lecture Series (ELS) - NT008 “Recent Trends in sustainable Implementation of Solar Energy”

Date : 29.08.2022

Duration: 1 Hour (03.00 PM to 04.00 PM)

No. of Students and Faculties Participated: 85 participants

Photographs with caption:

(Activity reports not supported by photographs shall not be considered for award)

The screenshot shows a Google Meet interface during a presentation. The main window displays a slide titled "Journey of Modern Cars - Accelerating Through Past" with the following content:

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM
Department of Mechanical Engineering

Organizing
Extramural lecture series (ELS) – NT008
RECENT TRENDS IN SUSTAINABLE IMPLEMENTATION OF SOLAR ENERGY

Dr. Adersh Asok, Scientist,
CSIR – National Institute for
interdisciplinary Science & technology,
Trivandrum

Date: 29.08.2022 (Monday)
IST: 03.00 PM to 03.45 PM

A notification at the bottom left states: "Selvakumar S has left the meeting".

The right side of the screen shows a grid of participants, including:

- priyanka kothari
- SANJAIKRISHNAN ...
- Adersh Asok
- RIT-MECH ICSTA-22 (highlighted)
- Karthikeyan Karthi
- DEV PRASSATH S S ...
- KANAGARAJ A
- 30 others
- You

The bottom of the screen shows the Windows taskbar with the time 2:56 PM and date 8/29/2022.



meet.google.com/vbn-dizu-zkh?pli=1&authuser=1

REC Adersh Asok is presenting

Recent Trends in Sustainable Implementation of Solar Energy

Extramural Lecture Series: Department of Mechanical Engineering, Ramco Institute of Technology

"The future depends on what you do in the present"
- Mahatma Gandhi

Dr. Adersh Asok, Scientist
CSIR-National Institute for Interdisciplinary Science and Technology
Council of Scientific and Industrial Research (CSIR)
Ministry of Science and Technology, Govt. of India

2:59 PM | vbn-dizu-zkh

Activate Windows
Go to Settings to activate Windows.

Type here to search

meet.google.com/vbn-dizu-zkh?pli=1&authuser=1

REC Adersh Asok is presenting

Future of Solar Energy

Source: <https://ourworldindata.org>

The price of electricity from solar declined by 89% in these 10 years.

In 1965 it was \$1,865/W

The price of onshore wind electricity declined by 70% in these 10 years.

With each doubling of installed capacity the price of solar modules dropped on average by 20.2%. This is the learning rate of solar modules.

More deployment
Demand increases
Prices fall
Competitive in new markets

The price of solar modules declined by 99.6% since 1976

3:01 PM | vbn-dizu-zkh

Activate Windows
Go to Settings to activate Windows.

Type here to search

**Details:**

Chief Guest/ Guest of Honor: Nil

Designation: Nil

Speaker 1: Dr. Adersh Asok,

Designation/Organization: Scientist, CSIR - National Institute for Interdisciplinary Science & Technology, Trivandrum

Report

(maximum 250 words)

The Department of Mechanical Engineering organized Extramural lecture series (ELS)- NT008 - Online webinar titled “Recent Trends in sustainable Implementation of Solar Energy” on 29.08.2022 for all the faculty members (Internal & External) in various Engineering Colleges.

Mr.L.Karthikeyan, AP/Mech delivered welcome address and Dr.J.Jabinth, AP/Mech introduced the resource person of this event. He detailed about the schedule of event.

The resource person explained the following Concept

- Solar energy utilization statistic upto 1976
- status of Indian PV capacity and Tariffs
- Various sustainable ways to forward in CSIR intervention
- Agrivoltaics Concept
- State & central government schemes related to Agriculture.
- How to penetrate PV in the building sectors
- Green Building revolution & role of BIPV
- Roadmap for BIPV, Indian stake holder map & SWOT analysis.



- Case studies
- Solar potential analysis for BIPV
- Indian BIPV report 2022 status & road map
- R&D competence of CSIR -NIIST

At the end of the session participants clarified their doubts. Mr. L. Karthikeyan, AP/Mech acted as a moderator for the session and Dr.V.Sivakumar, ASCP/ Mech, delivered vote of thanks for the program.

Totally, there are 135 registrations are received across all major cities of our state and few are from other states also. Out of which 85 participants attended via Google Meet Platform. All the 85 Participants received their certificate after they completed all procedures.

Sample Certificate



**Brochure**



RAMCO INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi, Affiliated to Anna University,
Accredited by NAAC & An ISO 9001:2015 Certified Institution
NBA Accredited UG Programs: CSE, EEE, ECE and MECH
Department of Mechanical Engineering
EXTRAMURAL LECTURE SERIES(ELS) - NT008



RECENT TRENDS IN SUSTAINABLE IMPLEMENTATION OF SOLAR ENERGY

Registration Link
<https://tinyurl.com/Recent-Trends-Solar-Energy>

<http://meet.google.com/vbn-dizu-zkh>



Dr. Adersh Asok
Scientist,
CSIR - National Institute for Interdisciplinary
Science & Technology,
Trivandrum

Date :August 29, 2022
(Monday)
IST: 03.00 P.M to
03.45 P.M

COORDINATOR Dr.J.JABINTH ASST. PROF./MECH	CONVENER Dr.P.SURESHKUMAR ASSOC. PROF./MECH	PATRON Dr.S.RAJAKARUNAKARAN VICE PRINCIPAL & HEAD /MECH	CHIEF PATRON Dr.L.GANESAN PRINCIPAL
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Signature of the Faculty Advisor
with date affixed with seal