



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Civil Engineering

Event Title	Guest Lecture on Importance of Civil Engineering		
Objective of Event	To learn the Challenges and Opportunities in Solar Panels in Civil Engineering domain		
Chief Guest /Speaker Details	Mr. ANANDHU P, Production Manager, Sakthi Pack Chennai		
Date	04/08/2023	Time	02.00 PM to 04.00 PM
Venue	Civil Smart Room	No. of Participants	60

REPORT

TITLE

IMPORTANCE OF CIVIL ENGINEERING – Challenges & Opportunities in Solar Panels

CONTENT

Department of Civil Engineering, Dr.M.G.R Educational and Research Institute organized an Guest Lecture titled "IMPORTANCE OF CIVIL ENGINEERING – Challenges & Opportunities in Solar Panels" on 4th August 2023 @ 2.30pm for the B.Tech- Civil Engg. students

Dr.T.KAVITHA (HOD-Civil Engg.) delivered the welcome address.

Ms. Pavithra, III year student introduced the guest speaker to the participants.

The resource person for this session is, Mr. ANANDHU. P, Production Manager, Sakthi Pack, Chennai explained elaborately about the Solar Panels installation methods and concepts.

B.Tech- Civil Engg. students actively participated in this Program and gained the knowledge.

This Program was organized and conducted by Dr.M. NARMATHA, Deputy Dean Smart/ Green Campus.

The program was concluded with vote of thanks given by Mr. Bharath kumar IV year student.

We thank Our Honorable President Er. A.C.S. Arun Kumar Sir for his continuous support and encouragement for conducting this event.

The topic refers to the intentional and strategic integration of solar Panel and energy solutions in the planning, design, and operation of urban areas to achieve long-



Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE (Deemed to be University)

Maduravoyal, Chennai - 600 095. Tamilnadu, India.

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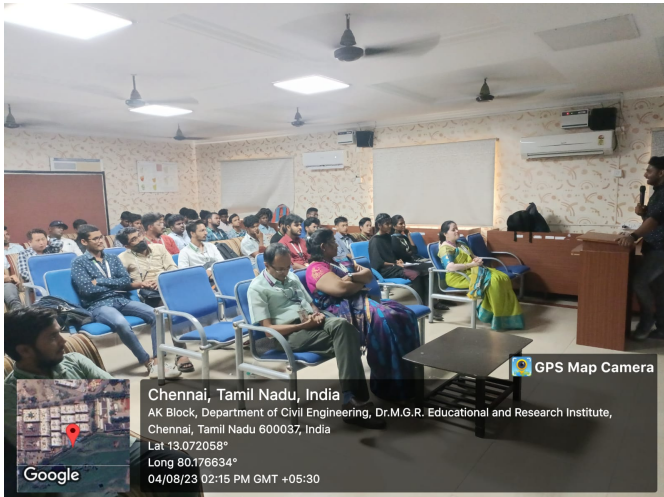


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term sustainability goals.

- It involves leveraging solar power as a clean, renewable, and abundant energy source to enhance the environmental, social, and economic aspects of urban living and also discussed about the following concepts.

- Clean and Renewable Energy
- Energy Independence
- Green Buildings
- Net-Zero Energy Buildings
- Solar Microgrids
- Solar-Powered Infrastructure
- Solar-Powered Public Spaces



EVENT OUTCOME

the principles that underlie the ability of various natural phenomena to deliver solar energy

Outline the technologies that are used to harness the power of solar energy

- Discuss the positive and negative aspects of solar energy in relation to natural and human aspects of the environment.

PHOTOS



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Dr.M.Narmatha