



**Dr. M.G.R.**  
**EDUCATIONAL AND RESEARCH INSTITUTE**  
**(Deemed to be University)**  
Maduravoyal, Chennai - 600 095. Tamilnadu, India.  
(An ISO 9001-2015 Certified Institution)



**MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS**

Department of Civil Engineering

Event Title	Interdisciplinary Lecture on Importance of Installation of Solar Panels		
Objective of Event	To learn the Importance of Installation and working process of Solar Panels system		
Chief Guest /Speaker Details	Dr. A. Kannan,, Dean-Energy Conservation and Electrical Management,, Dr mgr educational research institute		
Date	12/09/2023	Time	02.00 PM to 04.00 PM
Venue	Civil Smart Room	No. of Participants	60

REPORT

TITLE

Solar panels

CONTENT

Department of Civil Engineering organized an Inter-Disciplinary Lecture titled "Importance of Installation of Solar Panels " on 12th September 2023 @ 11.00am for the B.Tech- Civil Engg. Students.

The resource person for this session is Dr. A. Kannan , Dean-Energy Conservation and Electrical Management, DrMGRERI explained elaborately about the Solar Panels installation methods and concepts.

Solar panels placed in our university VOC block – Terrace covered nearly 12000sqft area. There are 403 Panels with 18 string connected with 3 Invertors. This whole system consume 1,37,000 units in last one year.

B.Tech- Civil Engg. students actively participated in this Program and gained the knowledge.A solar panel is a device that converts sunlight into electricity by using photovoltaic (PV) cells. PV cells are made of materials that generate electrons

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

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



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### EVENT OUTCOME

- Student gained knowledge about the principles that underlie the ability of various natural phenomena to deliver solar energy and installation process of solar panels, the components connected in the whole solar system.

### PHOTOS

