



AUTOMOBILE ENGINEERING DEPARTMENT GOVERNMENT POLYTECHNIC, AHMEDABAD

SOLAR PANEL CLEANING

Name of Department/Organizer	Automobile Engineering Department
Date:	18 February 2019
Venue/ Platform:	Automobile Engineering department, GP, Ahmedabad
No. of Participants:	Students of Automobile Engineering Department with faculties

❖ Objective of the Event-

The main objective of the event is by the form of studies show that the dust accumulation on Solar panel decreases its conversion efficiency by 40 to 50 %. The effect of dust accumulation on Solar panel ,Hence it is recommended to clean surfaces of panels at regular interval to improve efficiency and saving energy. The students of Automobile Department are enthusiastic about saving energy in every possible means.

❖ Outcome of the Event

The outcome of this event is to showcase the welfare of solar panels cleaning, direct sun rays falling on the solar panels increases and it corresponds to increase in units of electricity produced by panels. According to an estimate, regular cleaning of solar panels has potential to increase power output by as much as 30%.



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❖ Event Photographs



Solar Panels affected by
dust accumulation
(Before)



Solar Panels after cleaning
(After)



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