



**UNNAT BHARAT ABHIYAN**  
**AMITY UNIVERSITY HARYANA**

**PROGRESS REPORT**

**March 2023**

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Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	Gwalior	Manesar	Gurgaon
2	Fazalwas		
3	Kukrola		
4	Fakharpur		
5	Chandla Dungerwas		

**List of Activities:**

**ACTIVITY 1:**

**Title of the Activity:** Site Survey of Durga Mata Temple for Possible Solar PV installation on 1<sup>st</sup> March 2023.

**Need of the Activity:** The survey was conducted based on the request from the village Sarpanch to install rooftop solar PV system for electrifying the temple. .

**Brief Description (Need/Impact/Action/Picture (if any)):**

The Solar Engineering Department of Amity School of Engineering & Technology conducted the site survey on 1<sup>st</sup> March 2023 at the Prachin Durga Mata Temple located on a hill near the university in Panchgaon, Gurgaon. The site survey was conducted by Prof. Subhra Das along with Mr. Mohit, Lab Assistant of ECE Department. Local boys from the nearby school were also involved during the process.

The team had made a detailed list of all the connected loads and the number of hours of usage to compute the energy requirement of the temple. The shadow free site on the roof has also been identified which can be used for installation of solar PV system. Because of the location, systems can also be installed which can harness the energy from the wind.

The team members are looking for corporate partners who can do a CSR activity for the solar electrification of the temple.

**Impact:** *Adaption of solar energy system by the locals.  
Creating awareness among the mass through experiential technique.*

**Photographs of the event**



**Fig 1. Goddess Durga**



**Fig2. Temple Entrance**





**Fig 3: View from the hill top**







Fig 4: Inside the temple



Fig 5: Goddess



Fig:6 Inverter





Fig 7: Music System



Fig8 :Connected Load



**Fig9:** Inverter Battery System

Next action plan:

Sr. No.	Activity to be conducted(along with reason)
1	Amity Medical School is planning of awareness camp on Nutrition
2	Solar Engineering Department is planning for a training session on sustainable agriculture techniques- Agri-voltaics
3	