






Solar Initiatives on the campus

Status as on October 2016

S.no	Item	Specification	Nos.	Remarks	
1	Solar Powered submersible pump	Solar photovoltaic Array modules 300WpX6=1800 Wp, with manual tracking system, submersible DC pump, discharge 18,000LPD with 80 m. head. Total power: 8 KW	5	Water used mainly for horticulture but can supplement main supply in emergency. Supply	
2	Solar Street light	4m high, Battery 18v, lamp: LED 18w.	1		
3	Road side stud	Solar powered rechargeable, red colored LED light blinking in night, it can withstand 5t load.	400	Glows and blinks in night.	
4	Solar water heaters	Solar heaters of 500 lit. capacity each.	26	Installed at 4 Hostels, MDP and IVH.	
5	Electric driven cart	6 seater, Battery 48V: 25A	2	Batteries will be recharged by solar generated electricity.	
6	Solar powered vehicle	The conventional car is being retrofitted .	1	Under progress . Batteries will be recharged by solar generated electricity	
7	Roof top grid connected solar power plant	500+ 200 Kw capacity	1+1	Under progress	