

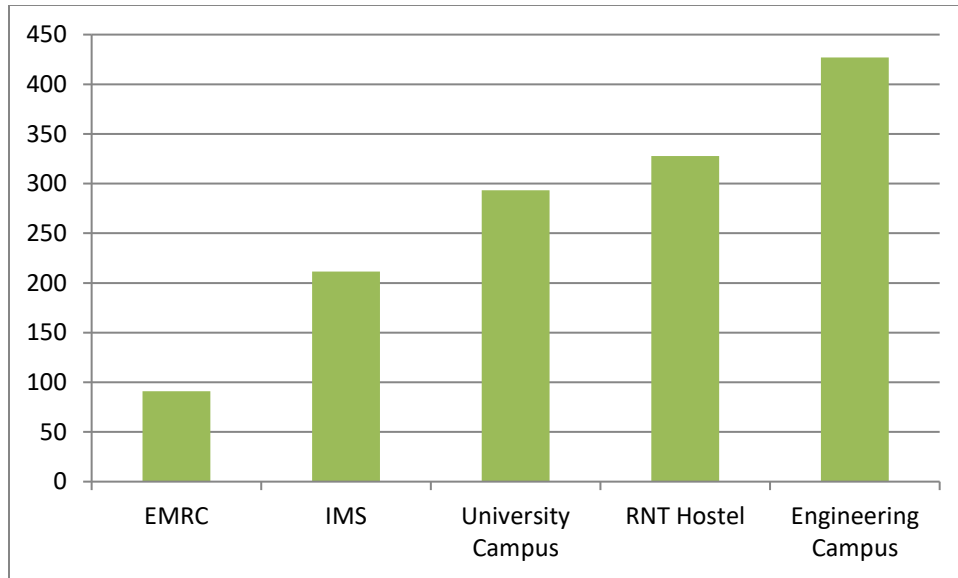
Alternative Source of Energy and Energy Conservation

Devi Ahilya Vishwavidyalaya, Indore has taken an initiative to setup Solar Photovoltaic Power Plant in year 2018 of 638KW Plant. DAVV has started installation of Grid Connected Roof Top Solar PV on RESCO Model from year 2020 to 2023 of 437.5KWP capacity. This project is commissioned and installed by M.P Urja Vikas Nigam Limited Bhopal and operated by Mundra Solar PV Limited (MSPVL).

Table: Department Generation & Emission Reduction by total 437.5 KWP Solar Plant






S.No.	Name Of Department	Year of reading		Total Generation(M WH)	Emission Reduction (CO ₂ Tonne Equivalent)
		Start	End		
1	Educational Multimedia Research Center	2020-November	2024-February	127.285	91.13606
2	Institute of Management Studies	2020-December	2024-February	295.351	211.471316
3	School of Biotechnology	2020-December	2024-February	87.642	62.751672
4	School of Commerce	2023-April	2024-February	68.497	49.043852
5	Rabindranath Tagore Hostel	2021-January	2024-February	457.719	327.726804
6	school of economics	2021-January	2024-February	253.455	181.47378
7	Institute of Engineering & Technology(F Block)	2020-December	2024-February	295.661	211.693276
8	Institute of Engineering & Technology(M Block)	2021-January	2024-February	300.73	215.32268
Total				1886.34	1350.61944

By harnessing the clean energy of the sun, this initiative has already resulted in an impressive reduction of **1350.61 credits** by February 2024. This remarkable achievement demonstrates the university's commitment to environmental responsibility and paves the way for a cleaner and greener tomorrow.



Department Wise Emission Reduction

S.No.	Department Name	Project Capacity(KWP)	Photograph with Geo-tag Location
1	University Campus	135	

<p>2</p>	<p>EMRC</p>	<p>40</p>	  
<p>3</p>	<p>IMS</p>	<p>60</p>	 

4	RNT Hostel	67.5	
5	Engineering Campus	135	
6	Total	437.5	

Reference:

1. https://cea.nic.in/wp-content/uploads/baseline/2024/04/User_Guide_Version_19.0.pdf