

CAMPUS MARK

388 Narayan Peth,

Pune 411030

Phone: 07219710384 Email: campusmark321@gmail.com

ISO: 9001 Certified



DISTINCTION CERTIFICATE FOR TBSS'S DON BOSCO COLLEGE OF ARTS & COMMERCE

Certificate No: CM/DT/CERT2024029

Date: 21/06/2024

Comparative Statement in respect of CO₂ Emission & Carbon Footprint Reduction on Account of Installation of 31 kWp Roof Top Solar PV Plant for 6 Years: 2018-19 to 2023-24.

No	Year	CO ₂ Emission on Account of Purchase of Electrical Energy, MT/year	CO ₂ Emission Reduction on Account of Solar Energy Generation, MT/year	Net Difference, MT/year
1	2018-19	9.35	0	-9.35
2	2019-20	13.26	34.6	21.34
3	2020-21	6.64	34.6	27.96
4	2021-22	5.84	34.6	28.76
5	2022-23	19.69	34.6	14.91
6	2023-24	31.49	34.6	3.11
	TOTAL	86.27	173	86.73

Conclusion:

1. From the above Table, we conclude that the CO₂ Emitted into atmosphere on account of Purchase of Electrical Energy for abovementioned 6 Years' Span is **86.27 MT**
2. The Reduction in CO₂ Emission on account of Solar Energy Generated for above 5 Years' Span is **176 MT**
3. Thus, the above mentioned 5 Years the College has achieved Net Reduction in CO₂ Emission of **86.73 MT thus reducing the carbon footprint of electrical energy used.**

Distinction Factor:

This large-scale implementation of Renewable Energy is not observed in educational institutes. This institute is not only net-zero on carbon emissions for electrical energy, but in a net-positive surplus which helps offset other carbon footprints, leading towards net-zero carbon footprints for institute in coming years. This institute is leading by example in usage of renewable energy and spearheading efforts in GHG emissions reduction, helping reach our country's goal of net-zero carbon emissions by 2070.

We appreciate the college initiative for using renewable energy and efforts for reduction in carbon footprint of electrical energy used.

For Campus Mark,

S R Mehendale

S R Mehendale

