

SUMMARY OF
ENERGY AUDIT REPORT
(2020-21)



Maharaja Manindra Chandra College

20, Ramanto Bose Street, Shyambazar,

Kolkata – 700003, West Bengal

A handwritten signature in blue ink, appearing to be the name of the Principal, is written over a faint rectangular stamp area.

Principal
Maharaja Manindra Ch. College
Kolkata-700 003



16/07
2021

An energy audit is an inspection survey and an analysis of energy flows for energy conservation in a building. It may include a process or system to reduce the amount of energy input into the system without negatively affecting the output. The primary concern of the energy audit is to provide the best ways to reduce energy consumptions in any building while simultaneously maintaining or improving human comfort, health and safety. The energy use of a building can be expressed through the analysis of the electricity consumption (in units) of that building.

In case of the three buildings of Maharaja Manindra Chandra College, the following trend of consumptions has been observed:

Electricity Consumptions (in unit) from June 2020 to May 2021:

	68, Bhupen Bose Avenue, 700004	20, Ramanto Bose Street, 700003	23, Ramanto Bose Street, 700003
Month	Energy Consumption	Energy Consumption	Energy Consumption
June, 20	280	10612	724
July, 20	185	3548	250
August, 20	149	639	600
September, 20	2084	1433	147
October, 20	350	2589	257
November, 20	334	1598	785
December, 20	129	1653	271
January, 21	251	1560	279
February, 21	294	2230	240
March, 21	329	2368	282
April, 21	342	1999	352
May, 21	379	3009	295
Total	5106	33238	4482

Total Electricity Consumptions (in unit) in 2020-2021:

	In Unit
68, Bhupen Bose Avenue, 700004	5106
20, Ramanto Bose Street, 700003	33238
23, Ramanto Bose Street, 700003	4482
Grand Total	42826

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Comments:

A drastic drop is observed in the total electricity consumption in the period from June 2020 to May 2021. Such a reduction is quite obvious as the usual activities in the college buildings were totally restricted due to COVID pandemic and lockdown.

Suggestions and Recommendations:

It may be noted here that in pre-pandemic time, the electricity consumption of college buildings were quite high. In this context, it can be recommended to use renewable energy as alternative source of energy in the college. Use of LED lights as well as other energy saving measures can also be adopted to reduce energy consumption while maintaining the usual activities of the college.



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