



St. Xavier's College, Mahuadanr

FIELD WORK REPORT

on

**Study on Particulate Matters: PM 2.5 and
PM 10**

National Physical Laboratory, Delhi

Submitted to:

Asst. Prof. Sr. Jolly k. Thomas

Department of Physics

St. Xavier's College, Mahuadanr

Submitted by:

Sarina Ara

B.Sc. 2nd Year

Session: 2021-2024

**Principal
St. Xavier's College
Mahuadanr**

ACKNOWLEDGEMENT

I would like to express my special thanks of gratitude to my teacher **Asst. Prof. Sr. Jolly K Thomas** as well as our **Principal Dr. Fr. M. K. Jose** who gave me the golden opportunity to do this field project on the topic "**PARTICULATE MATTERS: PM 2.5 and PM 10**", which also helped me to develop my skills and knowledge.

I am also grateful to my classmates and friends for their help in finding sources and gathering data and to complete this project within the limited time frame.

Last but not the least; I want to thank all my supporters who have motivated me to fulfill the project before the timeline.


Date: 30th November 2022

Sarina Ara

Sarina Ara

B.Sc. 2nd Year

Session: 2021-2024


Principal
St. Xavier's College
Mahuadanr


CERTIFICATE

This is to certify that Ms. SARINA ARA, 2nd year B.Sc. Physics, Registration no. 21BSCPHY92, St. Xavier's College, Mahuadanr has completed the field work on "PARTICULATE MATTERS: PM 2.5 and PM 10" as a part of the partial fulfillment for the award of the Degree of Bachelor of Science in Physics under my guidance during the academic year 2022-23.



Head of the Department
Department of Physics

HoD
Department of Physics
St. Xavier's College
Mahuadanr, Latehar
Jharkhand - 822119



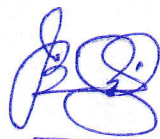
Project Guide/Incharge



Principal
St. Xavier's College
Mahuadanr

INDEX

Sl. No.	Content
1.	Introduction
2.	Value of the study
3.	Objectives
4.	Report
5.	Outcomes
6.	Conclusion



Principal
St. Xavier's College
Mahuadanr

CONCLUSION

Air pollution is considered to be one of the biggest problems affecting society worldwide. The field visit enabled students to understand the effect of particulate matters in air that is detrimental to health. It also enabled the students to understand the various methods to identify, calibrate the different particulate matters. The students returned much enlightened with great satisfaction for having interacted with top scientists of the Country.



Head of the Department
Department of Physics

HoD
Department of Physics
St. Xavier's College
Mahuadanr, Latehar
Jharkhand - 822119



Project Guide/Incharge



Principal
St. Xavier's College
Mahuadanr