

SURVEY OF DUST POLLUTANTS FROM DIFFERENT AREAS OF AKOLA CITY

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Project Assignment of (B5+ B3+ B6)
Class: B.Sc. II (SEM –IV)/ Session: 2019-20

All the students of BSc II/ Sem IV had given the project assignment to perform the survey of dust pollutants in different areas of Akola city. About 190 students were allotted different areas in the group of 4-5 students.

Collections of samples from: Dust samples were collected from 40 main areas of Akola city. The tiles of size 10×10 cm² were placed for collection of dust every day for 24 hours daily for 15 days.

Qualitative Analysis of Dust Samples: Nitrates and Sulphate content by standard laboratory method.

Conclusion: While doing the study we found that the dust in Akola city is harmful for living beings, as in qualitative analysis presence of Sulphates and Nitrates were recorded which are harmful and may cause Cardiac and Pulmonary diseases. The PM (Particulate Matter) showed presence of pollens in different samples which are the allergens for respiratory diseases. Through this study we tried to make awareness among the people about Dust pollution and the preventions. By doing this survey students get knowledge about the Environment Consciousness and disadvantages of pollution for human beings.



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