

Department : Civil

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Group No: 9

Guided By

PROF.N.BHANUSREE

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Project Title

**AMBIENT AIR QUALITY MONITORING AT GIDC
SIDDHPUR**

Abstract:

The project investigates the concentration of the pollutants particulate matter (PM10 and PM2.5) and total suspended particulate (TSP) generated from various sources like automobiles, industries over the ambient air quality of the Ahmedabad. As such Siddhpur is a Small city and it is not possible to measure the concentration of these major pollutants in all areas, so we have restricted our study to selected area. The rate of emission and concentration of these gases in the ambient air is studied by the following laboratory methods – (a) High volume method for determination of TSP in the ambient air, (b) Cyclonic flow technique for the measurement of PM10 and PM2.5.

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