

## **PREFACE**

*Air is one of the three media of environment. The existence of air pollution in the vicinity of industrial areas is well known. Differences in the impact of air pollution arise from the variability of industrial products and their concentrations occurring in the atmosphere.*

*With a view to understand the effect of the occurrence of peak levels of pollution and the possible interactions between different chemical pollutants, the study has been undertaken with support from Vadodara Urban Development Authority (VUDA) and University Grants Commission (UGC). The objectives of the study have been the assessment of -*

- (1) the damage on vegetation at field level*
- (2) differential response of plant species*
- (3) possible scavenging role vegetation can play.*

*This study has been augmented by evidence from laboratory trials for studying the ameliorating effects of artificially applied nutrients.*

*The inspiration for the study came from the need as seen from the support by the VUDA and from the fund of knowledge and experience of my supervisor.*

**N.S.R.K.**