LIST OF TABLES

1 Some of the worst industrial disasters.
2 Meteorological parameters observed at Baroda.
3 Effect of air pollution on economic materials.
4 Different classes for Dalbergia sissoo Roxb.
5 Different classes for Syzygium cumini Skeels.
6 Air pollution level at different observation stations:
   (a) Ambient air concentration of sulphur dioxide.
   (b) Ambient air concentration of Nitrogen oxides.
   (c) Ambient air concentration of suspended particulate matter.
7 Artificial fumigation study - Number of sulphur dioxide exposures and ascorbic acid treatments.
8 Response of general vegetation near a fertilizer complex (Trees and shrub species)
9 Response of general vegetation near a fertilizer complex (Herbaceous species).
10 Study on trees growing along the National Highway No. 8 - Total number of trees in each sector.
11 Effect on height of the trees - *Dalbergia sissoo* Roxb.

12 Effect on height of the trees - *Syzygium cumini* Skeels.

13 Effect on circumference at breast height of the tree trunk - *Dalbergia sissoo* Roxb.

14 Effect on circumference at breast height of the tree trunk - *Syzygium cumini* Skeels.

15 Effect on canopy cover - *Dalbergia sissoo* Roxb.

16 Effect on canopy cover - *Syzygium cumini* Skeels.

17 Effect of industrial air pollution on *Mangifera indica* L. (mango) - Morphological and yield observations.

18 Effect of industrial air pollution on *Mangifera indica* L. (mango) - Biochemical observations.

19 Effect of industrial air pollution on *Manilkara hexandra* (Roxb.) Dubard. (ravan) - Morphological and yield observations.

20 Effect of industrial air pollution on *Manilkara hexandra* (Roxb.) Dubard. (ravan) - Biochemical observations.

21 Effect of industrial air pollution on *Syzygium cumini* Skeels (jamun) - Morphological and yield observations.

22 Effect of industrial air pollution on *Syzygium cumini* Skeels (jamun) - Biochemical observations.
Study on some soil parameters in different observation zones.

Impact of air pollution on foliar epidermal traits of *Mangifera indica* L. (mango).

Impact of air pollution on foliar epidermal traits of *Manilkara hexandra* (Roxb.) Dubard (rayan).

Impact of air pollution on foliar epidermal traits of *Syzygium cumini* Skeels (jamun).

Field exposure of *Mangifera indica* L. (mango) saplings - Initial morphological observations.

Response of *Mangifera indica* L. (mango) saplings to air pollution. Monsoon - Morphological observations.

Response of *Mangifera indica* L. (mango) saplings to air pollution. Monsoon - Biochemical observations.

Field exposure of *Manilkara hexandra* (Roxb.) Dubard (rayan) saplings - Initial morphological observations.

Response of *Manilkara hexandra* (Roxb.) Dubard (rayan) saplings to air pollution. Monsoon - Morphological observations.

Response of *Manilkara hexandra* (Roxb.) Dubard (rayan) saplings to air pollution. Monsoon - Biochemical observations.
Field exposure of *Syzgium cumini* Skeels (jamun) saplings - Initial morphological observations.

Response of *Syzgium cumini* Skeels (jamun) saplings to air pollution. Monsoon - Morphological observations.

Response of *Syzgium cumini* Skeels (jamun) saplings to air pollution. Monsoon - Biochemical observations.

Response of *Mangifera indica* L. (mango) saplings to air pollution. Winter - Morphological observations.

Response of *Mangifera indica* L. (mango) saplings to air pollution. Winter - Biochemical observations.

Response of *Manilkara hexandra* (Roxb.) Dubard. (rayan) saplings to air pollution. Winter - Morphological observations.

Response of *Manilkara hexandra* (Roxb.) Dubard. (rayan) saplings to air pollution. Winter - Biochemical observations.

Response of *Syzgium cumini* Skeels (jamun) saplings to air pollution. Winter - Morphological observations.

Response of *Syzgium cumini* Skeels (jamun) saplings to air pollution. Winter - Biochemical observations.

Response of *Mangifera indica* L. (mango) saplings to air pollution. Summer - Morphological observations.
Response of *Mangifera indica* L. (mango) saplings to air pollution. Summer - Biochemical observations.

Response of *Manilkara hexandra* (Roxb.) Dubard. (rayan) saplings to air pollution. Summer - Morphological observations.

Response of *Manilkara hexandra* (Roxb.) Dubard. (rayan) saplings to air pollution. Summer - Biochemical observations.

Response of *Syzygium cumini* Skeels (jamun) saplings to air pollution. Summer - Morphological observations.

Response of *Syzygium cumini* Skeels (jamun) saplings to air pollution. Summer - Biochemical observations.