Appendix - I

QUESTIONNAIRE

Name………………………………………………………………………... Age ……………

Nature of work ……………………………….. Sex…………………………

Address………………………………………………………………………

Phone. No………………………………

1) How is the condition of air in Aurangabad city?
   a) Good                         b) Better
   c) Best                         d) Worst

2) What is the major source of air pollution in Aurangabad city?
   a) Automobiles                  b) Industries
   c) Waste burning                d) Dust

3) Do you have any disease due to Air pollution? If yes, what type of
   diseases you have?
   a) Respiratory                  b) Skin
   c) Other disease                d) No any disease

4) Which of the following factor will be most effective to control air
   pollution in Aurangabad?
   a) NGO’S                        b) Private sector
   c) Individuals                  d) State/Central government

5) Does the tree play any role in controlling air pollution?
   a) Yes                          b) No

6) What is the most important role of trees in our surrounding?
   a) Greenhouse gas reduction     b) Timber
   c) Fuel wood                   d) Any other (Please Specify)………

7) What should be the main aim of planting trees in our surrounding?
   a) Avoid pollution              b) For shade
   c) Commercial use              d) Ornamental

8) What value of trees is the most important?
   a) Aesthetic                    b) Commercial
   c) Recreational                 d) Religious

9) Which type of trees you would like to suggest for planting preferably?
   a) Pollution tolerating        b) Fruit bearing
   c) Shade giving                d) Commercial in use
10) Which of the following tree is most beneficial?
   a) Neem            b) Sheesham
   c) Mango           d) Ashoka
   e) Any other (Specify) ........................................

11) How many plants you have planted?
   a) No any            b) One
   c) Up to ten         d) Ten and more

12) How many of them are still alive?
   a) All              b) up to 50%
   c) Up to 80%        d) No any

13) Do you feel that our citizens are aware of importance of trees?
   a) Yes               b) No

14) Do you feel that citizens should be provided more education about the importance of trees?
   a) Yes               b) No

15) Do you feel that there should be special rules and regulations to protect trees?
   a) Yes               b) No

16) What type of trees will you protect preferably?
   a) Historic          b) Rare
   c) Commercially important  d) Any other (Please specify).............

17) Where should be the trees planted preferably?
   a) At roadsides      b) Nearby industries
   c) Home surroundings  d) Near hospitals and schools
   e) Any other (Please specify) if any...................................

18) What is the most important ecological role of trees in our environment?
   a) Pollution abatement b) Regulate food chain
   c) Provide food       d) Any other (Please specify) ....................

19) ‘If there will be no trees there will be no existence of human life.’ Do you agree with this statement?
   a) Yes               b) No

20) Rank the following reasons of planting and growing of trees.
   
   **Habitat:**
   a) Important          b) Slightly Important  c) Not very important
   d) Not important at all e) Don’t Know
Aesthetic:

a) Important  
b) Slightly Important  
c) Not very important  
d) Not important at all  
e) Don’t Know

Clean Air:

a) Important  
b) Slightly Important  
c) Not very important  
d) Not important at all  
e) Don’t Know

Water Quality:

a) Important  
b) Slightly Important  
c) Not very important  
d) Not important at all  
e) Don’t Know

Property Values:

a) Important  
b) Slightly Important  
c) Not very important  
d) Not important at all  
e) Don’t Know

Signature
Appendix - II

List of Publication and Awards

Research Papers published in International, National and State Level Journals and Conference Proceedings:

1) Chavan B.L. and Sonwane N. S. (2011): A review of effects of air pollution on tree species. *International Journal of GMP and Industrial Pharmacy.* (Accepted)


7) **Sonwane N. S** and Chavan B.L (2011): Effect of automobile exhaust on leaf epidermal features of some selected tree species (Communicated)


Files only Submitted / Accepted / Presented / Abstracted in International Workshops, Conferences / Symposia etc.:


Papers only presented and abstracted at various National Conferences, Symposia, Seminars, etc.:


**Workshops and Camps attended:**

1) Workshop attended on ‘Carbon footprint’ organized by superstition eradication committee, Aurangabad, held on- 16 Oct 2010.


3) Attended DST Organised 5 days camp held at Aurangabad, during 24 Feb to 28 Feb 2010

4) Attended DST Organised 5 days camp held at Aurangabad, during 06 Oct to 10 Oct 2010

5) Attended DST Organised 5 days camp held at Aurangabad, during 08 Oct to 12 Aug 2011
❖ Book published:

Published one Marathi book entitled, ‘Prernadayee Shastradya va Shastriya Shodh’ (Inspiring Scientists and Scientific Inventions)

❖ Award and Prizes:

*Doctorate level:

1) Awarded by ‘Young Scientist award’ for the research paper presented at National conference on Present scenario of Environmental Pollution and its effect on living organisms held on 9th to 11th Nov. 2009 at Government Science College, Aurangabad. NEA Paper presented.

*P. G. Level:

1) Secured First rank in Handwriting competition, competition organized at Deogiri College, Aurangabad. Year-2008.

*U. G. Level:

1) Secured First rank in Handwriting competition, organized at Indraraj College, Sillod. Year- 2008.

2) Secured First rank in Handwriting competition, organized at Indraraj College, Sillod Year- 2006.

3) Secured Second rank in Handwriting (English) competition, organized at Indraraj College, Sillod. Year- 2006.


*High school Level:

1) Awarded by ‘High school fellowship’ for three academic years (1995- 96 to1997-98)


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<th>Exam/Degree</th>
<th>Board/University</th>
<th>Subjects Offered</th>
<th>Year of Passing</th>
<th>Class/Grade</th>
<th>Percentage of Marks</th>
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<tr>
<td>SET</td>
<td>University of Pune</td>
<td>Environmental Sciences</td>
<td>Aug-2011</td>
<td>Passed</td>
<td>Passed</td>
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<tr>
<td>Ph.D.</td>
<td>Dr. B.A.M. University Aurangabad</td>
<td>Environmental Science</td>
<td>Pursuing</td>
<td>-</td>
<td>-</td>
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<tr>
<td>M.Sc.</td>
<td>Dr. B.A.M. University Aurangabad</td>
<td>Environmental Science</td>
<td>2008</td>
<td>First Class</td>
<td>61.91%</td>
</tr>
<tr>
<td>B.Sc.</td>
<td>Dr. B.A.M. University Aurangabad</td>
<td>Physics, Chem., Maths</td>
<td>2006</td>
<td>First Class</td>
<td>66%</td>
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<tr>
<td>D. Ed.</td>
<td>University of Pune</td>
<td>General</td>
<td>2003</td>
<td>First class</td>
<td>62.67%</td>
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<tr>
<td>H.S.C.</td>
<td>Div. Board Aurangabad</td>
<td>Physics, Chemistry, Biology, Mathematics</td>
<td>2000</td>
<td>First Class</td>
<td>74.50%</td>
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<tr>
<td>S.S.C.</td>
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<td>General</td>
<td>1998</td>
<td>First Class</td>
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