APPENDICES

Appendix I

SURVEY FORM

BIOLOGICAL EFFECTS OF MOBILE PHONE/ MOBILE TOWER

Name:                                                                 Age:                   Date:-

Name of institute

Address:

QUESTIONER

Q.1: How long you have been using cell phone? Month  Year/s

Q.2: How many cell phones you use currently? One More than one

Q.3: Average number of calls received daily? Five More than five

Q.4: Average number of calls dialed daily? Five More than five

Q.5: Which ear that you normally use when you are on the phone?

  Left               Right               Both               Not sure

Q.6: Do mobile phones cause brain cancer? Yes No

Q.7: Do base stations and wireless networks affect people health? Yes No

Q.8: Do mobile phone use affect child’s health? Yes

Q.9: Do you think people becoming hypersensitive to RF? Yes

Q.10: Do you think precautions should be taken to prevent health effects in future during

     Mobile phone communication? Yes No

Q.11: Does the presence of cell phone affect the heart rate? Yes No

Q.12: Do you think use of mobile affects your study? Yes No
Q.13: Does face to face conversation is reduced by using mobile? Yes □ No □

Q.14: What effects do you observe while/after using the phone? (Tick ✓ for your response)

<table>
<thead>
<tr>
<th>Fatigue (feeling tired or exhausted)</th>
<th>Dizziness (feeling that you are about to fall down)</th>
</tr>
</thead>
<tbody>
<tr>
<td>loss of mental attention</td>
<td>memory loss</td>
</tr>
<tr>
<td>headache</td>
<td>Diarrhea</td>
</tr>
<tr>
<td>Constipation-irregularity</td>
<td>Mental retardation</td>
</tr>
<tr>
<td>Disturbance in sleep</td>
<td>Heart conditions</td>
</tr>
<tr>
<td>Any other (Mention)</td>
<td></td>
</tr>
</tbody>
</table>

Q.15. Write your opinion about what care should be taken while using the mobile Phone?

Q16. How will you avoid radio frequency radiation?

Signature of student
Appendix II

Participation in Seminars/Conferences

National Level

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of seminar</th>
<th>Place</th>
<th>Dates</th>
<th>Type of presentation</th>
<th>Title of paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>National seminar on Role of Physics in sustainable Development</td>
<td>Sangamner A. Nagar</td>
<td>7-9 th Feb.2013</td>
<td>Oral</td>
<td>Study of effects of mobile phone and mobile tower radiations</td>
</tr>
<tr>
<td>3</td>
<td>1st Doctoral Thesis Conference*</td>
<td>JJTU Rajasthan</td>
<td>24 th May 2013</td>
<td>Oral</td>
<td>Effects of R.F radiation due to mobile phone on heart rate variability in healthy volunteers</td>
</tr>
</tbody>
</table>

*Received first prize in Oral presentation
## Participation in Seminars/ Conferences

### International Level

<table>
<thead>
<tr>
<th>Sr. No</th>
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<th>Place</th>
<th>Dates</th>
<th>Type</th>
<th>Title of paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Int. Conf. on MET</td>
<td>Pune</td>
<td>26&lt;sup&gt;th&lt;/sup&gt; Oct. 2013</td>
<td>Oral</td>
<td>Effect of mobile tower radiation on wild life: A review</td>
</tr>
<tr>
<td>2</td>
<td>Emerging Horizons in Biochem.Sc. &amp; Nanomaterials</td>
<td>Barshi M.S.</td>
<td>28-30&lt;sup&gt;th&lt;/sup&gt; Nov. 2013</td>
<td>Poster</td>
<td>Biological Effects and Health Consequences due to Cell Phone Radiation</td>
</tr>
<tr>
<td>3</td>
<td>Int. Conf. on Advanced and Applied Material Sc.</td>
<td>Kolhapur M.S.</td>
<td>15-16&lt;sup&gt;th&lt;/sup&gt; Jan. 2014</td>
<td>Oral</td>
<td>Significant Effects of Geopathic Stress on Respiratory Rate in Healthy Volunteers</td>
</tr>
</tbody>
</table>
Appendix III

List of Papers published


9. Sakharam D Aghav, Popat Tambade (2014), Investigating biological effects of high voltage transmission line on human health, Bionano Frontier, 2, 239-242. ISSN 0974-0678,