APPENDIX I

QUESTIONNAIRE CUM SCHEDULE

(FOR THE TOURISTS)

1. Name :-

2. Age :-

3. Gender :- Male/ Female

4. Religion :- (a) Hindu
   (b) Muslim/Islam
   (c) Christian
   (d) Others  ..................

5. Nationality :-

6. Hometown :-

7. Educational qualification :-

8. Occupation :-

9. Accompanied by :- (a) Spouse( husband/wife)
   (b) Family
   (c)Friends
   (d) Colleagues
   (e) Neighbours
   (f) Alone

10. How many times have you visited this place? :-
    (i) Do you come here regularly? :- Yes/No
    (ii) Frequency of visits :- (a) Weekly
(b) Monthly
(c) Yearly
(d) Quarterly
(e) Twice a year
(f) ..................

11. Reason for your visit :- (a) Outing

   (b) Religious
   (c) Adventure
   (d) Exploration
   (e) Discovery
   (f) ..................

12. From what source did you first come to know about this place? :-

   (a) Elders
   (b) Legends
   (c) Books/Newspapers/Magazines
   (d) Friends
   (e) Internet
   (f) .....................

13. By which mode of Transportation did you arrive here from your hometown? :-

   (a) By air
   (b) By Train
   (c) By Road
   (d) .......................
14. Who arranged for your trip? :-
   (a) Family
   (b) Office
   (c) Travel Agency
   (d) Government Organisation
   (e) Yourself
   (f) ..............................

15. How much did the transportation cost you? :-
   (i) Is it easily affordable for you? :- Yes/No
   (ii) Have you ever taken any financial help for such tours? :- Yes/No

16. Do you stay here during your visit? :- Yes/No

17. Where do you arrange your accommodation during your visit? :-
   (a) Prashanti lodge
   (b) Private Guest houses/Lodges
   (c) Paying guests

18. For how many days do you stay? :-

19. Where do you prefer to stay? :- (a) Nilachala Hills
   (b) Guwahati city

20. Have you stayed in the same hotel/ paying guest/ lodges etc. each time you visit this place? :- Yes/No
   (i) If yes, in which place? :-
   (ii) What did you like of that Hotel/Paying guest/lodges? :-
        (a) Cheap
        (b) Hygienic
21. Are you satisfied with the fooding and lodging facilities in the Nilachala? :- Yes/No

22. Did you take the help of any local priests (Panda) to arrange for your accommodation? :- Yes/No

23. Would you like to stay in the same place in your forthcoming visits? :- Yes/No

24. Do you have any permanently hired priest for each time you visit? :- Yes/No

25. Do you come here during festivals or as per your own convenience? :-
   (a) During festivals
   (b) As per convenience

26. Which temples of the Nilachala Hill do you visit more? :-

27. From the foothills to the top and to the other temples, what is your mode of transportation? :- (a) By foot
   (b) Taxi
   (c) Bus
   (d) Others……………….

28. Do you think that the taxis take reasonable fare? :- Yes/No

29. What rate do the taxis charge? :-

30. Do you want the mode of transportation of the region to be changed? :- Yes/No

31. What change would you like? :-

32. Do you know about the myths and legends about the Kamakhya temple and the Nilachala Hills? :- Yes/No

33. What aspects have attracted you most to the Nilachala Hills? :-
(a) Temples
(b) Environment
(c) Archaeology
(d) Religious belief
(e) Sacrificial mode of worship
(f) Tantricism
(g) Behaviour of the local people
(h) Nearness to your hometown

(* Answer may be more than one option)

34. Have you taken the help of any tourist guide? :- Yes/No
   (i) If yes, is he/she a local resident of the Nilachala? :- Yes/No
   (ii) If no, do you think there is necessity of tourist guides in the Nilachala? :- Yes/No

35. Have you heard about the sacrificial rituals of the Kamakhya temple? :- Yes/No
   (i) Do you support (are you in favour) of the sacrificial rituals? :- Yes/No
   (ii) Have you made any sacrifice in Kamakhya temple or any other of the Nilachala? :- Yes/No
   (iii) If yes, in which temple? :-

36. Do you think that these ancient temples and monuments are being well-maintained? :- Yes/No

37. What is your religious belief regarding this area (Nilachala Hills)? :-

38. Are you a lover of nature (nature-lover)? :- Yes/No

39. Have you ever seen or noticed anything in the Nilachala Hill that can cause severe harm to the nature? :-
40. Do you like the natural environment of the Nilachala Hills? :- Yes/No

41. Did you notice any change (deterioration or improvement) in the surrounding environment between your first visit and your latest visit? :-
   (a) Yes- deterioration
   (b) Yes- improvement
   (c) No

42. Do you think that the ecology of the region attracts tourists? :- Yes/No

43. As a tourist, what do you think, is your duty to preserve the natural beauty of the region? :-

44. What will you do to preserve the environment of this place? :-

45. How do find the local people? :-
   (a) Good
   (b) Friendly and Cooperative
   (c) Not Good

46. How are the behaviour of the priests and the temple management authorities? :-
   (a) Good
   (b) Friendly and cooperative
   (c) Not Good
   (d) Rude

47. What is your suggestion to make the place an eco-friendly tourist destination? :-

48. What type of modifications will you suggest to the management authorities of the temples? :-

49. Would you like to stay in government-owned tourist lodges or in private lodges/paying guests etc.? :- (a) Govt.-owned accommodation
   (b) Private lodges/paying guests

50. What would you prefer to stay in the lodges? :-
(a) Eco-friendly bamboo huts with proper sanitation facilities

(b) Luxurious concrete rooms with all modern amenities

51. Have you visited the Nilachala Hills during Ambubachi? :- Yes/No

How many times? :-

52. Did you find any mismanagement of the temples during Ambubachi? :- Yes/No

53. What do you think about the relevance of Ambubachi? :-

54. Do you think the reason for the Ambubachi festival to be realistic and convincing? :- Yes/No

55. Do you buy anything from the stalls in the Ambubachi? :-

(i) What items do you buy from the stalls? :-

(ii) Don’t you find those articles in the market of your hometown? :- Yes/No

(iii) If yes, then why do you buy from here? :-

(iv) Do you think the prices of the articles to be reasonable? :-

(a) Yes

(b) High

(c) Very High

56. What kind of pollution have you noticed in the region? :-

(a) Air Pollution

(b) Water Pollution

(c) Soil Pollution

(d) Noise Pollution

57. Do you have any suggestion to mitigate this problem? :-
58. Did you see any similarity of the temples and the Nilachala Hills with any other place in India? :- Yes/No

(i) If Yes, with which place? :-

(ii) If yes, what similarity did you notice? :-

59. Do you consume (eat) the Bhoga (food) given in the Kamakhya temple? :- Yes/No

(i) If yes, why do you eat? :-

(a) Tasty

(b) Religious sentiment (as Prasad)

(c) No particular reason

60. With the development of science and technology, the grip of religious belief and sentiments is slowly being degraded. What do you think about the future condition of these temples? :-

Thank you.
APPENDIX II

QUESTIONNAIRE CUM SCHEDULE

(FOR LOCAL RESIDENTS)

1. Name-
2. Age-
3. Gender- M/F
4. Caste-
5. Type of House-
6. Resides in which part of the hillock?— foothill/middle part/hill top
7. Why do you prefer to reside in this part of the hillock and not in the other two parts?—
8. Total no. of family members-
9. No. of dependent members in family-
10. No. of earning members in the family-
11. Do you work in any temple of this region?— Y/N
12. If you work in any temple of the region, what is the designation of work?—
   Pujari/ Duwari/ Mali/others.
13. Do you get any salary for your service? Who pays you?—
14. Are you a local resident or living in rent or other kind of temporary accommodation?— Permanent/ Temporary.
15. Your original homeland-
16. If you have migrated here, what is the reason behind your migration?—
17. Since when you or your ancestors have been living in this region?—
18. (In case of long time residents), what kind of development have you noticed in this regions during various times?—
<table>
<thead>
<tr>
<th>Year</th>
<th>Approx. no. of households</th>
<th>No. of shops</th>
<th>Electricity supply</th>
<th>No. of schools</th>
<th>Health care facilities</th>
<th>Transport system</th>
<th>Water supply</th>
<th>No. of tourists</th>
<th>Educational institute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1950</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1960</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1970</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

19. Are you satisfied with the current rate of development of this region? -

20. Do you want the state govt. to take over the maintenance of the temples and the whole region? -


22. Are you dependent in any of the temples of this region for your financial condition? - Y/N

23. Do you provide any accommodation to the tourists or devotees during the festival times? - Y/N

24. Are you engages in any part time business (stall of Puja Samagris) during the festival time? - Y/N

25. In which temple do you observe more rush of tourists and devotees?- 

26. With the growing fame of the temples, don’t you think that the youth of this region can offer themselves as tourist guides? -

27. Is any one of your family interested in engaging in tourist sector as tourist guides? - Y/N

28. What are the natural resources of this region? -

29. Do you know about ECOTOURISM? -

30. Recently leopards have emerged in this region which has terrified the local people. Do you think that it will create any problem in the tourism sector of this region? -

31. What do you suggest to this problem? -

32. Have you seen any deterioration of the natural environment in this region?

33. If yes, since when?
34. The Nilachal hillock has 3 big ashrams amidst natural beauty. Do you have any interaction or connection with them?
35. During festivals, specially during Ambubachi, the whole region becomes polluted. What do you suggest?
36. As seen in the news channels in recent times, do you think crime rate is increasing in this region?
37. What do you think is the reason?
38. Have you observed any newcomer residents in this region? Which communities do they belong, as per your knowledge?
39. Where do you dispose your household garbage?
40. Where do your children study?
41. Do you think that more schools and colleges should be established in this region? Y/N
42. Are you satisfied with the management system of the Debottar Board? Y/N
43. Source of drinking water- (a) water supply (b) well/ tube well (c) deep boring/ pump (d) nearby stream
44. Living near a temple, flowers and sandalwood are essential requirement. Do you engage yourself in floriculture and growing of sandalwood trees? Y/N
45. If not, don’t you think that it will be very profitable? Y/N
46. Is there any traditional handicraft of this region?
47. What should be done to preserve the rich archaeological property of this region?
48. According to you, what should be done to attract more and more tourist in this region?
49. Do you think that tourists are polluting the region?
50. According to you, what should be done to prevent pollution?
51. What is your overall suggestion for the further development of this region?

Thank you.
APPENDIX III

QUESTIONNAIRE CUM SCHEDULE

(FOR THE PRIESTS)

1. Name: -

2. Age: -

3. No. of family members: -

4. Are you a permanent resident of Nilachala: - Yes/ No
   (i) If yes, exactly in which part of the hill do you live? -
   (ii) If no, then where do you live? -

5. Occupation: - (a) only as priest
   (b) priest + own business
   (c) priest + Govt. job

6. Since when are you engaged in this profession (as a priest)? -
   (i) If you also do other business, what business do you do? -
   (ii) If you are also a Govt. employee, in which department and in what post do you work? -

7. Are you the sole earner of your family? - Yes/ No
   (i) If yes, then is the money you earn, sufficient for running your family? -
   (ii) If No, then who else earns in your family? -

8. In which temple do you serve as a priest? -

9. Do you get any salary for the priesthood from the management authority? -

10. Do you get any extra income (donation from the tourists/devotees etc.)? -
11. Where do your children study? (name of the school/college/educational institute):-

12. Do you have any special group of devotees to serve, from any specific place of the state or from other states? :-

13. How many average no. of devotees do you serve per day?(No. of clients per day) :-

14. Do you help the tourists to adjust for their fooding and lodging? :- Yes/No

15. Are you also in the temples’ management authority? :- Yes/No

16. Do you get any remuneration for being in the management authority? :-

17. Why is there constant flow of devotees almost everyday to the Nilachala? :-

18. Have you seen any difference in the arrival of no. of devotees between the present and the first time you started your profession? :-
   (a) increased no. of devotees
   (b) decreased no. of devotees
   (c) almost similar rush

19. Are your forefathers the permanent resident of Nilachala? :- Yes/ No
   (i) If no, then from where have your forefathers migrated?:-
   (ii) When did they migrate? :-

20. There are many controversies now-a-days regarding the sacrifices being made in the Kamakhya temple. What is your opinion? Should the system of sacrifice be regulated or stopped? :-

21. Why are cocks/hens not sacrificed in the Kamakhya temple? :-
   (i) Is it also applicable for the other temples of Nilachala? :- Yes?No
   (ii) If yes, is the reason for this also same in other temples as in Kamakhya temple?:- Yes/No
22. It has been heard that the government will make tourist lodges in the Nilachala. Is it true? :- Yes/ No

(i) Have the Govt. started any constructional activity of tourist lodges? :- Yes/No

(ii) If yes, then where? :-

23. Do you or your any family member engage in any business (shops/stalls) during the Ambubachi? :-

24. It’s seen in the shops/stalls outside the temples that the shopkeepers sell plastic items, ornaments etc. Plastic was not prevalent in the ancient times. So, what is the relation between plastic items and Har-Gauri or Devi Kamakhya? :-

25. It is seen that the ponds/lakes are full of fungus and the devotees use to put the water in mouth (out of devotion and religious belief). Do you think that it will harm people's health? :

26. Sandalwood and “shankh” are normally used in Vedic rituals. But as the temples of Nilachala is based on Shakti-worship, what is the relevance of sandalwood and the “shankh”? :-
APPENDIX IV

Shop list at Nilachal Hills

Permanent stalls in around the Temple area.

R.C.C stores:

1. Hotel & Restaurants:- 14
2. Pan store:- 12
3. Decoration items, Kamakhya show item store:- 33
4. Prasad & offering store:- 73
5. Sweet store:- 12
6. Fast food store:- 3
7. Grocery store:- 5
9. Puja items store:- 35
10. Toy store:- 2
11. P.C.O:- 4
12. Recharge Card for Airtel, Aircel etc store:- 6
13. Rod Iron Fabrication store:- 1

Footpath Stores:

Bamboo wall & Tambu

1. Pan store:- 5
2. Puja items store:- 5
3. Flower store:- 29
4. Tea store:- 14
5. Ornaments store:- 75
6. Toy store:- 6
7. Cd, Audio store:- 6
8. Fruit store:- 3
9. Vegetable Store:- 3
Pharmaceutical & Hospital:-

*R.C.C:*

1. Hospital & Healthcare:- 2 (One Govt And One Kamakhya Committee)

Shop in the Main Entrance Gate:-

*R.C.C:*

1. P.C.O:- 3
2. Stationary with Varieties :- 6
3. Clinic & Healthcare:- 3
4. Bakery:- 2
5. Grocery:- 5
6. Cold drinks & Ice cream:- 2
7. Fast food store:- 2
# APPENDIX V

## CHEMICAL ANALYSIS REPORT

**DISTRICT WATER ANALYSIS LABORATORY**
**P. H. E. DEPTT., BETKUCHI, GUWAHATI - 35**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>SAMPLE COLLECTION (With Date and Time)</th>
<th>NAME OF OFFICE</th>
<th>PIN POINT LOCATION</th>
<th>SOURCE</th>
<th>IRON</th>
<th>ALKALINITY</th>
<th>HARDNESS</th>
<th>TOTAL SOLIDS</th>
<th>CHLORIDE</th>
<th>FLUORIDE</th>
<th>TOTAL HARDNESS</th>
<th>RESIDUAL ALKALINITY</th>
<th>NITRATE</th>
<th>PH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jaltar, Mohanta</td>
<td>Bland, N.L.</td>
<td>Kanyakumari, Temple</td>
<td>Pond</td>
<td>N.L.</td>
<td>2</td>
<td>90</td>
<td>8</td>
<td>102</td>
<td>0.2</td>
<td>6.29</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>17/1/2/12</td>
<td>Bland, N.L.</td>
<td>Kanyakumari, Temple</td>
<td>Pond</td>
<td>N.L.</td>
<td>4</td>
<td>70</td>
<td>10</td>
<td>100</td>
<td>0.1</td>
<td>6.29</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DESIRABLE LIMIT / MAXIMUM PERMISSIBLE LIMIT**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron</td>
<td>0-0.3 mg/l</td>
</tr>
<tr>
<td>Alkalinity</td>
<td>0-0.3 mg/l</td>
</tr>
<tr>
<td>Hardness</td>
<td>0-1.0 mg/l</td>
</tr>
<tr>
<td>Total Solids</td>
<td>0-1.0 mg/l</td>
</tr>
<tr>
<td>Chloride</td>
<td>0-1.0 mg/l</td>
</tr>
<tr>
<td>Fluoride</td>
<td>0-2.0 mg/l</td>
</tr>
<tr>
<td>Total Hardness</td>
<td>0-3.0 mg/l</td>
</tr>
<tr>
<td>Residual Alkalinity</td>
<td>0-2.0 mg/l</td>
</tr>
<tr>
<td>Nitrate</td>
<td>0-1.0 mg/l</td>
</tr>
</tbody>
</table>

**REMARKS**

1. No S.E.R. values in the described unit.
2. Values are inclusive.

**COPY TO**

1. The C.R. (P.H.E) AC Zone, for favour of kind information.
2. The S.E. (P.H.E) City, for favour of kind information.
3. The E.E. (P.H.E) City, Division No. 1 for favour of kind information.
4. The S.P. (P.H.E), Bongaigaon, for favour of kind information.
5. The S.P. (P.H.E), Dibrugarh, for favour of kind information.

**TEST PERFORMED BY**

[Signature]

**COUNTER SIGNED**

[Signature]

**CHECKED BY**

[Signature]

**P. INCHARGE**

D.L.I., Bokakhat, City-35

[Date]

167
# APPENDIX VI

## BACTERIOLOGICAL ANALYSIS REPORT

### DISTRICT WATER ANALYSIS LABORATORY

**P. H. E. DEPTT., SAMURDARIYA, Ghy.-J**

**REPORT NO.: DW/AKAM/BACT./Ghy.**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Sample Collected by (with Date &amp; Time)</th>
<th>Sample Received by (with Date &amp; Time)</th>
<th>NAME OF OFFICE</th>
<th>FIN-POINT LOCATION</th>
<th>SOURCE</th>
<th>TOTAL COLIFORM</th>
<th>TOTAL Fecal COLIFORM</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tula Kh, Mornani</td>
<td>17/12/12</td>
<td></td>
<td>Baughara Pund</td>
<td>Kunda Temple</td>
<td>180°</td>
<td>30</td>
<td>UNSATISFACTORY</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Ponnera Kunda Temple</td>
<td>180°</td>
<td>20</td>
<td>UNSATISFACTORY</td>
</tr>
</tbody>
</table>

**PERMISSIBLE LIMIT**

1. For Excellent— No Coliform organism/100 mL.
2. For Satisfactory— 1-4 organism/100 mL.
3. For Suspicious— 5-9 organism/100 mL.
4. For Unsatisfactory— More than 10 organism/100 mL.

**TEST PERFORMED BY**

**ASSTT. ANALYST**

D.W.A. Lab. Ghy.-J

**CHECKED BY**

A.E.E. (PHE) TC.

Ghy. Sub-Division I

**COPY TO**:

1. The E.E. (PHE), Ghy, Chittagong for favour of information.
2. The E.E. (PHE), Ghy, Division No.1 for favour of information.
3. The E.E. (PHE), Ghy, Division No. 2 for information and necessary action.
4. The E.E. (PHE), Ghy, Division No. 3 for information and necessary action.
5. The E.E. (PHE), Ghy, Division No. 4 for information and necessary action.