## INTERVIEW SCHEDUL TO STUDY HEALTH PROBLEMS AMONG GARBAGE PICKERS
### MUNICIPAL CORPORATION (2015-16)

1. Name of the Respondent: 
2. Gender: (i) Male  (ii) Female  (iii) Age 
3. Educational Status: (i) Illiterate  (ii) Middle  (iii) Matric  (iv) Other 

<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
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<tbody>
<tr>
<td>1. Which is the locality where you pick up the waste?</td>
<td>(a) Slum Area  (b) Middle Class  (c) Posh Area</td>
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<td>2. What is the main problem due to spreading of garbage?</td>
<td>(a) Spreading diseases  (b) Mosquito/Fly breeding</td>
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<td>(c) Presence of Stray Animals  (d) All the above</td>
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<td>3. Mention the House Type where you live</td>
<td>(a) Slum  (b) Resettlement Colonies  (iii) Govt quarters  (iv) Own House</td>
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<td>4. Total how many your family members are involved in job of waste collection?</td>
<td>(i) 1  (ii) 2  (iii) 4  (iv) Above 4</td>
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<td>5. Do you know some wastes are very dangerous to health?</td>
<td>(a) Yes  (b) No  (c) Can’t Say</td>
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<td>6. Are you aware that Health Hazards caused by Garbage in human beings?</td>
<td>(a) Yes  (b) No  (c) Can’t Say</td>
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<td>7. After how many days do you collect garbage from your locality?</td>
<td>(a) 1 days  (b) 2 days  (c) 3 days</td>
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<td>8. According to you the quantity of Garbage in your locality in last three years</td>
<td>(a) Increased  (b) Decreased  (c) Remained the same</td>
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<td>9. According to you what are the major causes of the outbreak of health Epidemics?</td>
<td>(a) Growing quantity of Garbage  (b) Improper Collection of Garbage  (c) lack of Waste disposal practices  (d) All the above</td>
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<tr>
<td>10. Do you know some wastes are very dangerous to health?</td>
<td>(a) Yes  (b) No  (c) Can’t Say</td>
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### Notes:
- For all multiple-choice questions, select one option.
- If unsure, select "Can’t Say."
10. Do you suffer from any of the diseases whom you think are caused by waste Collection?
   (a) Skin diseases  (b) Gastro-intestinal diseases
   (c) Respiratory diseases  (d) all the above

11. Do you know burning of plastic produces cancer causing gases?
   (a) Yes  (b) No  (c) Not Sure

12. While handling solid waste, do you use gloves, masks or gumboots?
   (a) Yes  (b) No  (c) Sometimes

13. Do you know handling of Municipal Solid Waste, Bio medical waste, Hazardous waste without gloves catches you with disease producing germs?
   (a) Yes  (b) No  (c) Not Sure

14. Are Hazardous waste from hospital, factories also dumped along with Garbage at landfill site?
   (a) Yes  (b) No  (c) Sometimes.

15. After completing your work of collecting waste (in the afternoon), do you take bath with Soap?
   (a) Yes  (b) No  (c) Sometimes

16. Does people segregate different types of waste before you collect them from their homes?
   (a) Yes  (b) No  (c) Sometimes

17. Whether workers are getting compensation for occupational diseases caused to them at the workplace?
   (a) Yes  (b) No

18. Do you Know that Landfill Sites have negative Impacts on Environment and Human Health?
   (a) Yes  (b) No  (c) Can’t Say

19. Do you know that there is a Legislation according to which it is necessary to segregate the waste before disposal at the landfill site
   (a) Yes  (b) No

20. Are you aware that you are playing a very crucial role in Solid Waste Management by collecting the household waste?
   (a) Yes  (b) No  (c) Can’t Say
**A. Generation, Collection, Disposal of Household Waste**

1. What first comes to your mind when I use the term “Solid Waste”?
   - (A) Garbage
   - (B) Sewage
   - (C) Bad Smell
   - (D) Dump

2. Do you think garbage is a problem?
   - (a) Yes
   - (b) No

3. Do you have any idea of "Solid Waste Management"?
   - (a) Yes
   - (b) No
   - (c) Less

4. How do you dispose off day to day solid waste?
   - (a) Community Bin
   - (b) Waste Collector collects
   - (c) Burns
   - (d) Throw in open

5. How much quantity of waste does your family generate every day?
   - (a) 300 gm
   - (b) 500 gm
   - (c) 1 Kg.
   - (d) 2 Kg.

6. What is the method of your household garbage storage?
   - (a) Closed Container
   - (b) Open Container
   - (c) Plastic Bags

7. Which thing is responsible for choking of sewage lines in your locality?
   - (a) Plastic
   - (b) Paper
   - (c) Industrial Waste
   - (d) Sludge caused by dairy waste.

8. How concerned are you about illegal dumping of waste in open leading to polluting water sources like streams, wells etc. by leaching?
   - (a) Concerned
   - (b) Not Concerned
   - (c) No Option

9. Do you know illegal discarding of E-Waste and Batteries waste also causes diseases to human beings?
   - (a) Yes
   - (b) No
   - (c) Less aware

10. Do you segregate the solid waste in your home to Degradable and Non Degradable waste?
    - (a) Yes
    - (b) No
    - (c) No
B. Health and Environment Impacts of Garbage

11. Are you aware about health related risks caused by improper disposal of solid waste?
   (a) Yes            (b) No

12. Does respiratory diseases caused by improper burning of garbage at public places?
   (a) Yes           (b) No

13. In your opinion which is considered as the major issue that effects the environment?
   (a) Sewage       (b) Plastic      (c) Straw burning   (d) Household garbage

14. Are you concerned about burning of plastic as it produces Carcinogenic fumes in the Environment?
   (a) Concerned                (b) Not Concerned

15. Are you concerned that open disposal of garbage in your area is responsible for spreading of diseases like Malaria, Respiratory and Gastrointestinal diseases.
   (a) Concerned               (b) Not Concerned

C. PEOPLE’S PARTICIPATION AND PERCEPTION

16. Do you know the concept of 3R’s (Recycle, Reduce, Reuse) of waste management?
   (a) Yes                                (b) No.

17. Do you know there is a proposed Legislation for the disposal of Municipal Solid Waste?
   (a) Yes    (b) No           (c) Less aware

18. Do you know if we separate kitchen waste from solid waste Produced in our homes compost can be made by corporation authorities ?
   (a) Yes            (b) No

19. Do you Know energy can be produced from the Waste by Waste to Energy Plants ?
   (a) Yes                            (b) No

20. Willingness to Participate in managing Municipal Solid Waste

<table>
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<tr>
<th>S.No</th>
<th>Willingness to Participate</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>1</td>
<td>Composting of Kitchen Waste</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Willingness to Pay for Pickup for recycling things.</td>
<td></td>
<td></td>
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<tr>
<td>3</td>
<td>Willingness to discard plastic bottles, e-material, batteries to stores from where purchased</td>
<td></td>
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<td>4</td>
<td>Willingness to purchase less disposable products</td>
<td></td>
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<tr>
<td>5</td>
<td>Willingness to pay for carrying garbage to the waste landfill site</td>
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## INTERVIEW SCHEDULE DONE AMONG HOSPITALS FOR BIO-MEDICAL WASTE AND ITS DISPOSAL (2015-16)

<table>
<thead>
<tr>
<th>Name of the District / Corporation</th>
<th>Total No. of Beds</th>
<th>Dept.</th>
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<tbody>
<tr>
<td>Name of the Hospital</td>
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### Nature of Hospital
- (i) Govt.
- (ii) Private
- (iii) Charitable

### Name of the Respondent

### Gender
- (i) Male
- (ii) Female

### Age

### Education Status

### Occupational Status
- (i) Govt. Employee
- (ii) Private Job

### 1. If Bio-medical waste is not disposed off properly it may lead to spreading of diseases?
- (a) Yes
- (b) No

### 2. Are you aware that there is legislation to dispose hospital waste?
- (a) Yes
- (b) No

### 3. Do you know about colour coding for disposal of hospital waste?
- (a) Yes
- (b) No

### 4. Who is responsible for segregation of medical waste in wards of your hospital?
- (a) Doctors
- (b) Nurses
- (c) Staff Nurses
- (d) Sweepers

### 5. Who regulate through law waste generated at health care facilities in your State?
- (a) State Pollution Boards
- (b) Private
- (c) Authorities
- (d) Don't Know

### 6. Does your hospital have tie up with bio medical waste management Companies?
- (a) Yes
- (b) No

### 7. Are you satisfied with cleanliness in your hospital?
- (a) Yes
- (b) No

### 8. If Bio medical waste is being taken by Private Company for final disposal, whether it is charging from hospital on the basis of:
- (a) Per Bed
- (b) Per Ward
- (c) Per Kilogram

### 9. The approximate proportion of infectious waste among total waste generated from health care facility is approximately:
- (a) 10-20%
- (b) 30-40%
- (c) 60-70%
- (d) 80-90%

### 10. Do you destroy the used Syringe/ Needle after injection?
- (a) Yes
- (b) No
- (c) Throw away in the Dustbin after use

### 11. Who removes the segregated waste of hospital for final disposal?
- (a) CBWTF Waste handler
- (b) Doctor
- (c) Nurse
12. What type of containers is used for collection and internal transport of waste from premises of Hospital?
(a) Plastic bins  (b) Iron Box  (c) Cardboard boxes  (d) Jute Bags
13. Does your hospital have incinerator?
(a) Yes  (b) No
14. Where the segregation of Bio medical Waste takes place
(a) Operation Theater  (b) Laboratory  (c) Ward  (d) All the above
15. Do you know that Bio medical waste shall not be mixed with other type of waste?
(a) Yes  (b) No
16. Untreated Bio Medical waste may not be stored beyond
(a) 12 hours  (b) 24 hours  (c) 36 hours  (d) 48 hours
17. Waste sharps and solid waste from hospitals is disposed in container of colour
(a) Blue/white Translucent  (b) Red  (c) Yellow
18. Discarded Medicines and Chemical Waste is disposed in container having colour:
(a) Black  (b) Red  (c) Yellow
19. Human Anatomical Waste, Animal waste, Biotechnology waste and soiled is discarded in container of colour
(a) Yellow  (b) Red  (c) Blue
20. Do you recognize the symbol of Bio-Medical waste
(a)  (b)  (c)