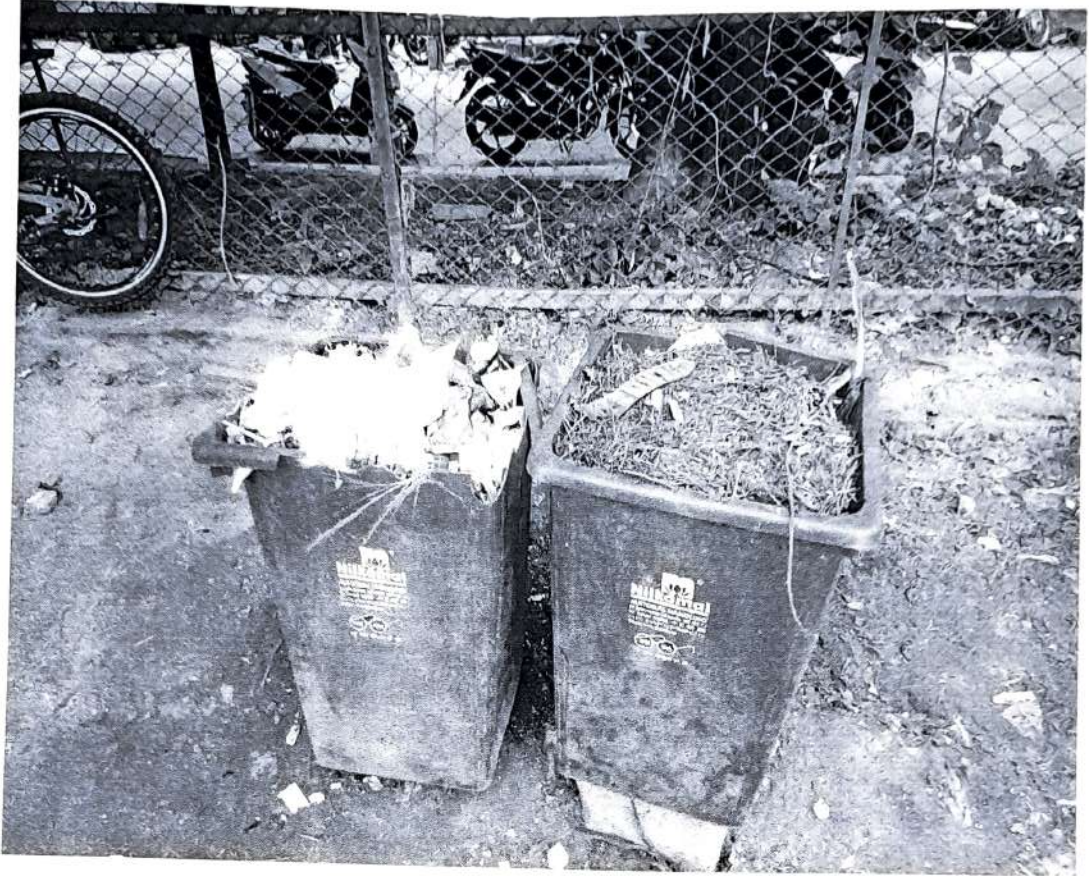


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Rajajinagar, Bangalore-55

Solid Waste



Mohammed Rafi

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**B.O.H.R.**  
**BASIC OPERATIONS IN HANDLING REAGENTS**  
**INSTRUCTIONS**

1. KEEP YOUR WORKING TABLE NEAT.
2. WEAR A LAB COAT WHEN YOU ARE IN THE LAB.
3. KEEP YOUR BAGS IN THE RACK PROVIDED.
4. USE REAGENTS ECONOMICALLY, IF ADDED IN EXCESS DO NOT PUT BACK THE REAGENT INTO THE BOTTLE
5. AVOID SPILLAGE OF REAGENTS.
6. DO NOT SPILL CHEMICALS ON THE FLAME.
7. REPLACE THE REAGENT BOTTLES IN THEIR PROPER PLACE IMMEDIATELY.
8. DO NOT CARRY SIDE REAGENT BOTTLES TO THE WORKING TABLE.
9. NEVER HEAT STRONG CHEMICAL REAGENTS WHEN THE TEST TUBE IS POINTING TOWARDS YOUR FACE OR YOUR FRIENDS FACE.
10. NEVER OVER HEAT CONCENTRATED ACIDS, WHILE HEATING, ALWAYS WAVE TEST TUBE OVER THE FLAME.
11. DO NOT POUR HOT CONCENTRATED ACIDS IN TO THE SINK.
12. DO NOT CONTAMINATE DROPPERS OF CONC. ACIDS.
13. DO NOT BRING INFLAMMABLE & VOLATILE LIQUIDS LIKE ALCOHOL, ETHER & ACETONE NEAR A FLAME.
14. TURN OFF THE GAS FLAME WHEN NOT IN USE, DO NOT BLOW OUT THE FLAME.
15. REPORT ANY BREAKAGE IMMEDIATELY TO THE TEACHER.
16. REPORT ANY ACCIDENT IMMEDIATELY TO THE TEACHER.
17. NEVER PERFORM AN UNAUTHORIZED EXPERIMENT.
18. WASH & DRY ALL APPARATUS YOU HAVE USED BEFORE LEAVING THE LAB.

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Bengaluru, Karnataka, India  
2H54+P39, Rajajinagar, Bengaluru, Karnataka 560055, India  
Lat 13.009363°  
Long 77.555197°  
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GPS Map Camera

WATER ANALYSER KIT

Mohammed Rafi

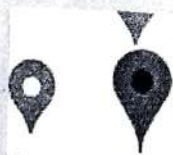
*U. Venkatesh*  
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## LABORATORY FIRST AID

1. For small burns wash with cold 8% sodium bicarbonate solution / running cold water, then apply zinc oxide ointment/Vaseline.
2. For acid burns wash immediately with cold water and then with dilute sodium bicarbonate solution.
3. For caustic burns, wash with water and then with dilute acetic acid solution.
4. In case of acid in eye wash the eye repeatedly with water followed by 1% sodium bicarbonate solution.
5. In case of alkali in eye wash the eye repeatedly with water followed by 1% boric acid solution.
6. If acid or alkali is swallowed, try diluting their effect by drinking plenty of water. In case of alkali followed by drinking lime water.
7. In case of inhaled vapors of chlorine or bromine, inhale ammonia vapors or gargle with sodium bicarbonate solution. Then drink warm dilute potassium permanganate solution. In case of inhaled vapors of benzene or cinnamon essence to soothe the throat and lungs.
8. In case of liquid being heated in a beaker catches fire, switch off the burner immediately and then cover the beaker so as to cut off the air supply.

### Precautions to prevent accidents - Golden rules

1. Never heat a test tube with its mouth facing towards yourself or others.
2. Always shake the test tube while heating. It prevents bumping.
3. Never add any solid or liquid to a hot solution, do it only after cooling it.
4. Always use holders, while heating.
5. Do not pour hot solution in to the sink directly, cool them and then pour it down with taps running.



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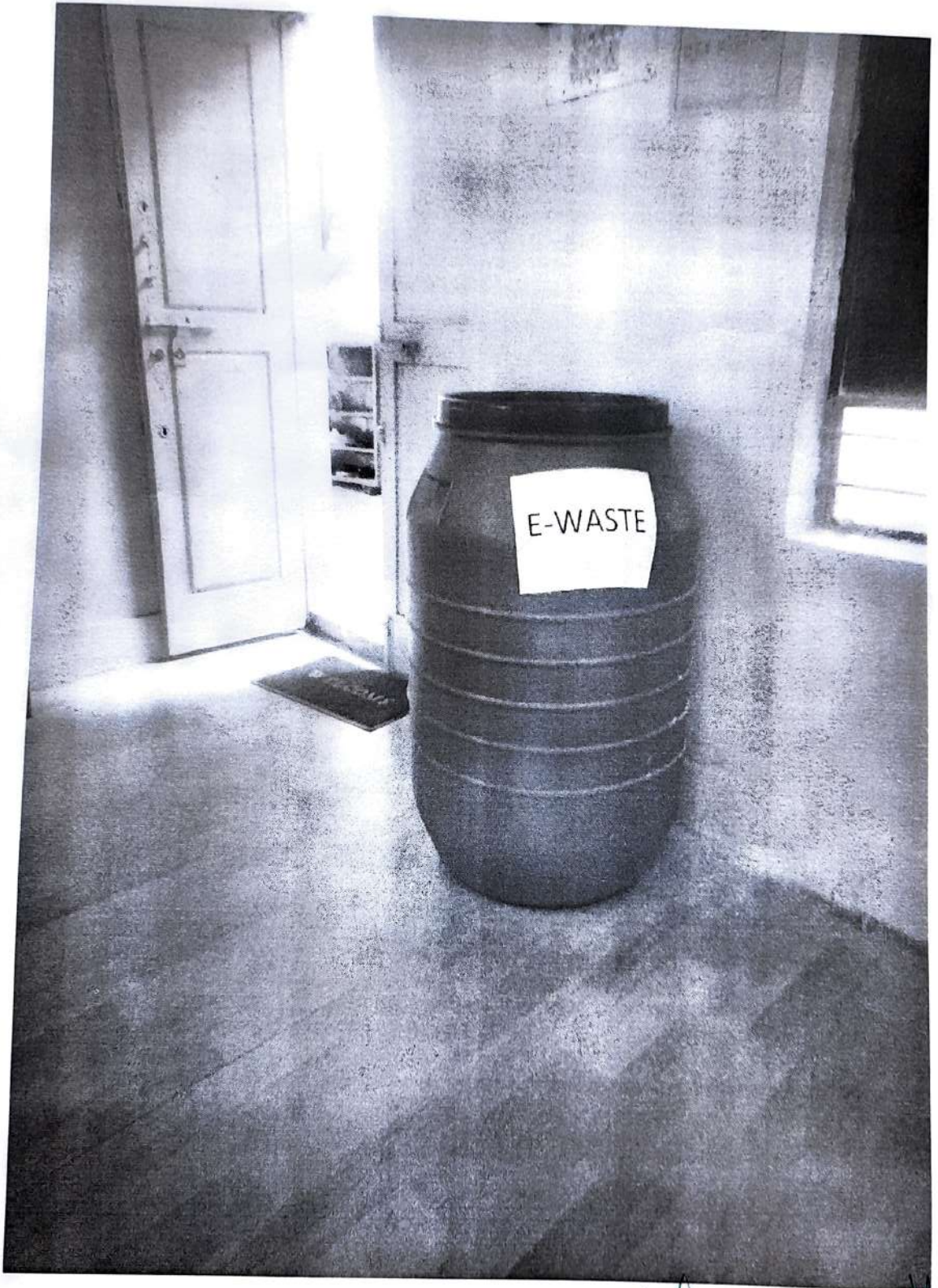
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E-Waste



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*M. Veeranna*  
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