



Bharatiya Vidya
Bhavan

Bhavan's Vivekananda College

of Science, Humanities & Commerce
Autonomous College - Affiliated to Osmania University
Accredited with 'A' grade by NAAC
Sainikpuri, Secunderabad - 500094



NAAC RE-ACCREDITATION - 2ND CYCLE

Criterion VII

Institutional Values and
Best Practices

7.1.3

Environmental
consciousness and
sustainability

Geotagged Photographs

Submitted to

National Assessment and Accreditation Council

BIO DEGRADABLE

FRANKIE WRAP

PAPER

PAPER PLATES
GLASSES

SAMOSA/PUFF
PLATES

OTHER PAPER WASTE

LITTER



NON-BIODEGRADABLE

THERMACOL BOWLS
PLASTIC SPOONS/FORKS
PLASTIC COVERS
STRAWS
CHIPS COVERS
BISCUIT/CHOCOLATE COVERS
PLASTIC COOL DRINK BOTTLES
TETRA PACKS
SANDWICH COVERS
ICE CREAM COVERS
GLASS BOTTLES/COKE TIN
OTHER PLASTIC WASTE



Solid Waste collected by GHMC vehicle





Water collection from the Distillation unit for Reuse





Disposal of chemical/ experimental waste

Disposal of experimental waste



Liquid Waste Management Video

https://bhavansvc.ac.in/Social_Responsibilities.html

Preparation of Vermicompost







Compost used for Plants





Date: 20-04-2018

To
The Principal,
Bhavans Vivekananda College,
Sainikpuri, Secunderabad.

Sub: To re-use (40) written-off Systems for "IT Hardware Classes"

Ref: Appendix-(A) 2016-2017, Condemnation Certificate, dated: 01-08-2017

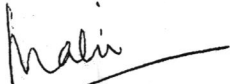
Sir,

As per the above cited subject and reference, we need to retain 40(Fourty) written-off Computer Systems to be reused for IT Hardware Classes (assembling and disassembling of system components) for CBCS, Semesters-III SEC. No. of Students for this course are 100.

In this regard I request you to give me permission to retain the written-off systems.

So please, approve the same.

Thanking you


KVB Saraswathi,
HoD,
Dept. of Computer Science.

Permitted
g/A → 20/4

Department of Computer Science students

IT Hardware classes- Assembling the parts of the computer





Waste Reuse
Before Refurbishing



After Refurbishing

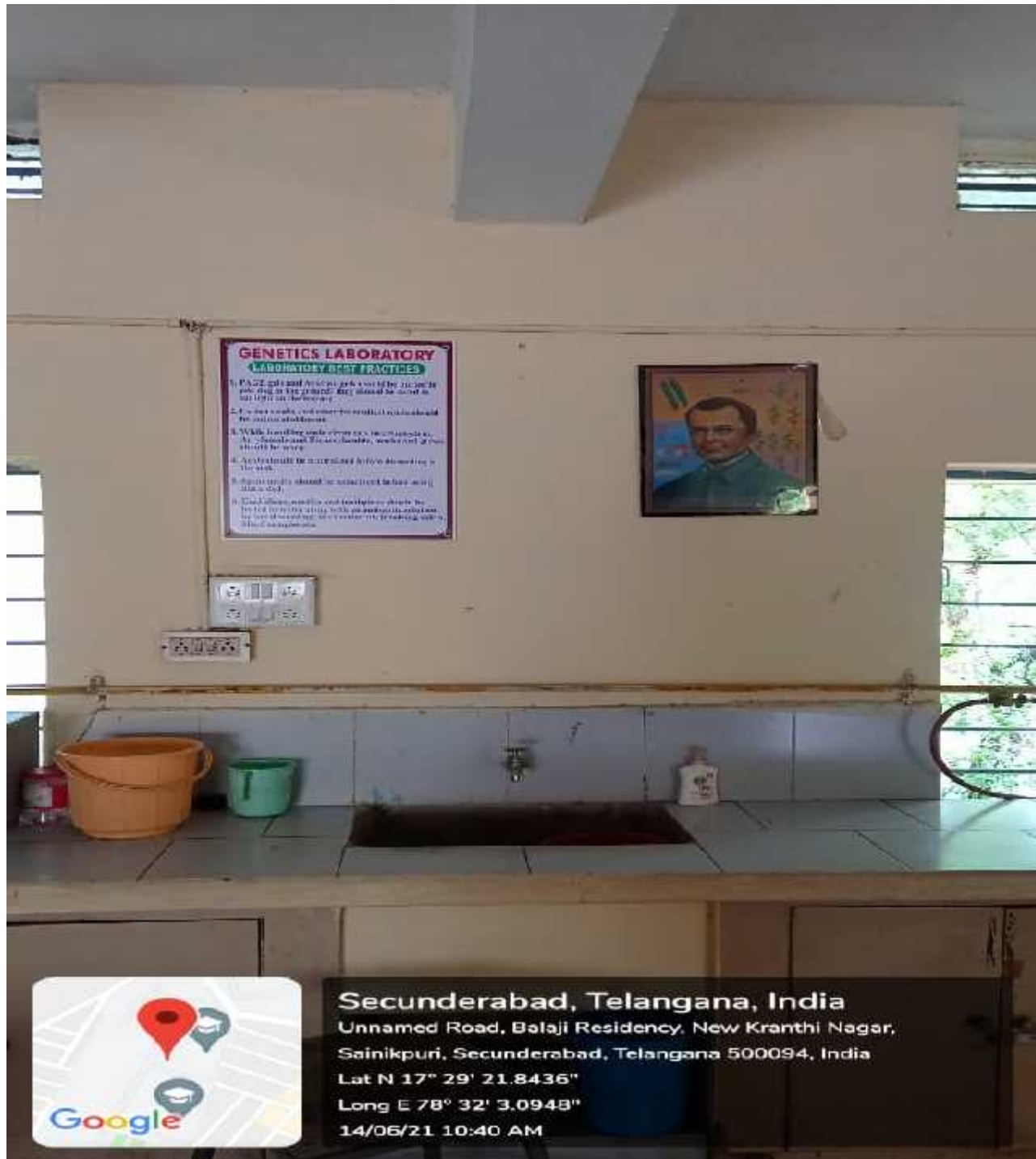


Fumehood



Fume hood

Good Practices – Display Boards in Laboratories



- Good Lab Practices in Biochemistry •**
1. Always wear an apron while working in the lab.
 2. The back seat TOP OF STAIRCASE IS OPEN TO AVOID FALLING OR INJURY.
 3. DO NOT WORK IN THE HALLWAY.
 4. Comply with the laboratory safety, hygiene, security and health rules and regulations.
 5. Do not remove reagents from their original containers, especially liquids, organic solvents, strong acids and bases.
 6. The fire extinguisher should be used in case of EMERGENCY.
 7. FLAMMABLE CHEMICALS SHOULD NOT BE PLACED NEAR SOURCES OF HEAT OR OPEN FLAMES.
 8. Immediately notify the instructor when you spill.
 9. Return the fire extinguisher and pressure gas cylinder to the laboratory after use.
 10. Report all injuries immediately to the lab instructor.
 11. Always wash hands with soap after working with chemicals.
 12. CLEANUP all the waste, THE BENCH, REFRIGERATOR, CUPBOARD AND ALL THE EQUIPMENT BEFORE LEAVING THE LAB.
 13. Wash proper and responsible for the practice.
 14. WORK WHEN YOU FEEL SAFE AND HAPPY.



MICROBIOLOGY LAB RULES

1. Always wear an apron while working in the lab.
2. Keep the doors and windows closed during lab sessions to prevent contamination.
3. Wipe the working areas with a disinfectant at the beginning and termination of each lab session.
4. Don't place contaminated instruments such as needles, inoculating loops, pipettes etc. on the bench top or working benches. Immediately place them in disinfectant solution.
5. Loops should be sterilized by incineration. Needles, slides etc. should be disposed off in acidic disinfectant solution.
6. Place all the microbial cultures and lab materials in a zip or container for disposal, to avoid contamination. Immediate disposal of Fungal cultures after use is required to prevent spread of their reproductive spores.
7. Proper lab book should be maintained for each apparatus.

Good lab practices

1. Wash your hands with disinfectant before and after every work.
2. Tie back your hair to avoid contact to open flasks and instruments.
3. Never apply disinfectant to yourself, clothes or food etc.
4. Don't smoke, eat or drink in the lab.
5. Do not use the lab as a storage area for personal items like books.
6. In case of accidental spill, use oil solution to absorb spillage. Then immediately cover the spilled area with disinfectant solution and keep it for 10 minutes. Then remove with a towel or paper and dispose it properly in the disposal.
7. Do not use the lab as a storage area for personal items like books.
8. Never pipette and measure in a vertical manner with the mouth. Spilling should always be done in the sink and not on the bench as an infection.
9. Always use a mask while working with microorganisms.
10. Label all cultures and prepare properly.
11. Keep all the lab bottles, plates, pipettes etc. in a rack. Never remove it to the outside world.
12. Never touch any culture or solution by hand directly. Always use a pipette or loop etc. Never touch and smell directly with your nose.
13. Wear and use gloves while working with microorganisms.
14. Always use a biohazard. Never should be kept with microorganisms.



BIOCHEMISTRY LABORATORY

GOOD LAB PRACTICES

- When working with flammable chemicals, make sure that there are no sources of ignition nearby, in order to avoid fire or explosion.
- Handle toxic, corrosive chemicals and flammable solvents in a chemical safety hood or fume hood.
- Appropriate containers should be provided with labels for disposal of broken glass, toxic chemicals, and biohazardous materials.
- Neutralise strong acids and alkalis prior to disposal.
- Neutralise Ethidium bromide contacted materials with NaOH solution.
- Wear gloves and mask while handling acrylamide (neurotoxic) to avoid inhalation.
- Sterilize the cultures before disposal.
- Sterilize cotton swabs / needles and syringes, before disposal.
- Laboratory spills should be mopped with an adsorbent material and the area thoroughly cleaned with disinfectant solution (Sodiumhypochlorite/Dettol/Spirit), followed by washing with water.
- Use 10% chlorine to disinfect blood samples (30 minutes) before disposal.
- Biohazardous materials should be disinfected before disposal by using strong oxidising agents like 5% sodium hypochlorite or alternatively, they may be destroyed by autoclaving or by incineration.