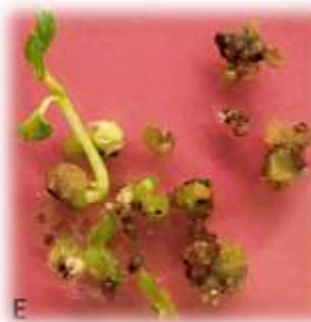


## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Plant Tissue Culture Lab	<ol style="list-style-type: none"><li>1. Tissue culture rack</li><li>2. Programmable photoperiodic controller</li><li>3. Air purification system</li><li>4. Microclimatic temperature controller</li><li>5. Incubator shaker</li><li>6. Zoom stereomicroscope with camera</li><li>7. Laminar air flow</li><li>8. Glass bead sterilizer</li><li>9. Vaccum pump</li><li>10. Centrifuge</li></ol>

### Photos:



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Molecular Medicine Lab	<ol style="list-style-type: none"><li>1. Laminar air flow</li><li>2. Weighing Balance</li><li>3. Cold cabinet (4C)</li><li>4. Vortex</li><li>5. CO2 incubator</li><li>6. Minispin</li><li>7. Air purification system</li><li>8. Compound microscope</li><li>9. Hand tissue rupture system</li><li>10. Vacuum Pump</li><li>11. Rotafiller</li><li>12. Hot plate</li><li>13. pH meter</li></ol>

### Photos:



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Central Instrumentation Facility	<ol style="list-style-type: none"><li>1. Gel Docs</li><li>2. Spectrophotometers</li><li>3. Akta Prime</li><li>4. Fraction Collectors</li><li>5. Centrifuges</li><li>6. MilliQ water treatment unit</li><li>7. Incubator shaker</li><li>8. ELISA PLATE READER</li><li>9. Sonicator</li><li>10. PCR machines</li><li>11. HPLC</li></ol>

### Photos:



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Microscopy Lab	<ol style="list-style-type: none"><li>1. Olympus zoom stereo microscope</li><li>2. Inverted Microscope</li><li>3. ELISA Reader</li><li>4. Spectrophotometer</li><li>5. RT-PCR</li></ol>

### Photos:



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Microbial Biotechnology & Immunology Lab	<ol style="list-style-type: none"><li>1. Cold cabinet (4C)</li><li>2. Incubator shaker</li><li>3. Spectrophotometer</li><li>4. BOD incubator</li><li>5. Cold Cabinet(-20C)</li><li>6. PCR Hood</li><li>7. Minispin</li><li>8. Microwave oven</li><li>9. PCR machines</li><li>10. Minispin</li><li>11. Cold Cabinet(-20C)</li><li>12. BOD incubator shaker</li><li>13. pH meter</li><li>14. Gel Rocker</li><li>15. Autoclave</li></ol>



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Genomics & Molecular Diagnostic Lab	<ol style="list-style-type: none"><li>1. Akta Prime</li><li>2. Krosflow research</li><li>3. Centrifuge refrigerated</li><li>4. Electrophoresis unit</li><li>5. Power pack</li><li>6. Weighing balances</li><li>7. Microwave oven</li><li>8. Fluorescence spectrophotometer</li><li>9. Rotary flash shaker</li><li>10. Cold Cabinet(4C)</li><li>11. RT PCR</li></ol>



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Bioprocess & Fermentation Lab	<ol style="list-style-type: none"><li>1. Compact benchtop fermentor</li><li>2. Mixer Grinder</li><li>3. Viscometer</li><li>4. Refractrometer</li><li>5. Pressing machine</li><li>6. Capping machine</li></ol>



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Teaching Labs.(4 Labs)	<ol style="list-style-type: none"><li>1. Vortex</li><li>2. Microwave Oven</li><li>3. Weighing balance</li><li>4. Hot plate</li><li>5. pH meter</li><li>6. Colorimeter</li><li>7. Pwer pack</li><li>8. Floor centrifuge</li><li>9. Cold cabinet (4C)</li><li>10. Cold cabinet (-40C)</li><li>11. Microscope compound</li><li>12. PCR eppendroff</li><li>13. U.V Transillumintor</li><li>14. Colony counter</li><li>15. Centrifuge</li><li>16. Spectrophotometer</li><li>17. Minispin</li><li>18. Thermoblock</li><li>19. Nanodrop</li><li>20. Laminar Air flow</li><li>21. BOD incubator</li><li>22. Ice flake machine</li><li>23. Water Bath</li><li>24. Nanodrop</li></ol>





## Research Laboratories at School of Biotechnology



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Teaching Lab 2	<ol style="list-style-type: none"><li>1. Weighing Balance</li><li>2. Minispin</li><li>3. Hot Plate</li><li>4. Thermoblock</li><li>5. Centrifuge RT</li><li>6. Centrifuge refrigerated</li><li>7. Floor centrifuge</li><li>8. Cold cabinet (-40C)</li><li>9. Cold cabinet (4C)</li><li>10. Vortex</li><li>11. Microwave</li><li>12. pH meter</li><li>13. Tissue Homogenizer</li><li>14. BOD incubator</li><li>15. Water Bath</li><li>16. Gene pulser</li><li>17. Laminar Air flow</li><li>18. Kros Flow Research</li><li>19. Refrigerator (LG)</li><li>20. Power Pack</li><li>21. Nanodrop</li><li>22. Cryo storage system</li><li>23. Rotafiller</li><li>24. Microscope compound</li><li>25. Gel doc</li><li>26. PCR</li><li>27. Rocking Shaker</li><li>28. UV transilluminator</li><li>29. Water Bath</li><li>30. Colonycounter</li></ol>



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
BSL-2 Lab	<ol style="list-style-type: none"><li>1. Biosafety Cabinet</li><li>2. Refrigerator</li><li>3. Centrifuge</li><li>4. Low temperature incubators</li><li>5. Weighing balance</li><li>6. Mini spins</li></ol>

**ACCESS**

- Only authorized persons are allowed to enter the laboratory working areas.
- Laboratory doors must be kept closed.
- Children are not allowed to enter laboratory working area.
- No animals is to be admitted other than those involved in the research work of the laboratory.
- Personal protective equipment must be worn in the laboratory.



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Washing & Autoclaving Room	<ol style="list-style-type: none"><li>1. Autoclave</li><li>2. Heating Oven</li><li>3. Storage Racks</li><li>4. Washing Sinks</li></ol>

### Photos:



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Bioinformatics & Drug Design labs	Computers & High End Workstations

**Photos:**



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Refrigerator Room	-80 Deep Freezers -40 Freezers -20 Freezers 4 degree Refrigerators



## Research Laboratories at School of Biotechnology

Laboratory	List of lab Equipments
Plant Green House Facility (03 nos.)	Hi-Tech Plant Green Houses

