

AREA IX:

B. Equipment and Supplies



B. Equipment and Supplies

B.1. Inventory of available equipment, apparatuses, supplies and materials

| Name of Apparatus | Brief Description | Purpose/ Function | Subject Where It is Used | Fabricator |
|---------------------------|--|---|-------------------------------------|-------------------------|
| BIOLOGY LABORATORY | | | | |
| Inoculating loop | Made of high quality twisted nichrome wire which is designed to cool rapidly after flaming | Used to transfer microorganism to growth media | Microbiology | Joel J. Tayo |
| Laboratory Cart | Made of wood | Use to transport items from central laboratory to the laboratory rooms | All Biology subjects | Engr. Abdul Aziz Mabang |
| Electric Bulb | It is supplied with electrical current by feed through terminals or wires | It is designed to provide artificial light to the microscope Where no natural lighting is available or is enough for the light microscope | All Biology Subjects | Oscar F. Barroga |
| Osmometer Set up | Made of egg membrane, thistle tube and plastic cup | To observe Osmosis | General Biology and General Zoology | Julie S. Kamamang |

Inventory of functional equipment based on CHED minimum requirements.

| A. COMPUTER LABORATORY | |
|-------------------------------------|-----------------------|
| List of functional Equipment | |
| Laboratory | Computer Units |
| CE 10 | 36 |
| CE 11 | 36 |
| CE 13 | 30 |
| CE 16 | 34 |

| COMPUTER LABORATORY | | | |
|---|--|---|---|
| Set 1: Monitor: ASUS 7BLMTF 060729 Keyboard: Clicker, 02431102007 Mouse: A4tech Processor: 7MOAIKIY325; Dual Core; Power Lock Hard Disk: 80GB,; 6QZ3Z26S Ram: 512MB | | 1 | 1 |
| Set 2: Monitor: LG; S/N 0081NJL4Z844 Keyboard: Clicker, 06917102007 Mouse : Genius Processor: 77moa1k19323; Dual Core; Power Lock Hard Disk: 80GB,;6QZ37OD5 Ram: 512MB | | 1 | 1 |
| Set 3: Monitor: LG; 0081NZY50941 Keyboard: Genius Mouse : Genius Processor: 78MOA1548429; Dual Core; Power Lock Hard Disk: 80GB; 6QZ37141 Ram: 512MB | | 1 | 1 |
| Set 4: Monitor : LG; 0081NTX4Z881 Keyboard: Genius Mouse : Clicker Processor: 77MOA 1K19326, Dual Core; Power Lock Hard Disk: 80GB;5RA3FFBP Ram : 512MB | | 1 | 1 |
| Set 5: Monitor : ASUS;7BLMTF060718 Keyboard: A4TECH Mouse : Genius Processor: 83moa2034271; Dual Core; Asrock Mother Board Power Lock Hard Disk: 80GB; 5RA386QN Ram : 512MB | | 1 | 1 |

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|---|--|---|---|
| Set 6: Monitor : ASUS Keyboard: A4TECH Mouse : Clicker Processor : Dual Core; Asrock Mother Board Power Lock Hard Disk : 80GB Ram : 512MB | | 1 | 1 |
| Set 7: Monitor : AOC Keyboard : A4TECH Mouse : Genius Processor : Dual Core, ASUS Power Lock Hard Disk : 80GB Ram : 512MB | | 1 | 1 |
| Set 8: Monitor : 5AM80NG Keyboard: White Keyboard Mouse : Genius | | 1 | 1 |
| Set 9: Monitor : ASUS Keyboard : A4TECH Mouse : Genius Processor: Dual Core Power Lock Hard Disk: 80GB Ram: 512MB | | 1 | 1 |
| Set 10: Monitor : LG Keyboard : Mouse : Clicker Processor : ASUS, Dual Core Power Lock Hard Disk : 80GB Ram : 512MB | | 1 | 1 |
| Set 11: Monitor: ASUS Keyboard: A4TECH Mouse: Clicker Processor : Dual Core Power Lock Hard Disk : Ram : 512MB | | 1 | 1 |

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|--|--|---|---|
| Set 12: Monitor : Samsung Keyboard: Clicker Mouse: Clicker Processor : Dual Core Power Lock Hard Disk Ram | | 1 | 1 |
| Set 13: Monitor : Samsung Keyboard : Clicker Mouse : Clicker Processor : Dual Core Power Lock Hard Disk : 80GB Ram :512MB | | 1 | 1 |
| Set 14: Monitor : AOC Keyboard : A4TECH Mouse : Clicker Processor: Dual Core Power Lock Hard Disk : 80GB Ram : 512MB | | 1 | 1 |
| Set 15: Monitor : Samsung Keyboard : Melody Mouse : A4TECH Processor: Asrock, Dual Core Power Lock Hard Disk: 80GB Ram : 512MB | | 1 | 1 |
| Set 16: Monitor : Samsung Keyboard : A4TECH Mouse : Genius Processor : i3;ASUS;CIVD Power Lock Hard Disk : 500GB Ram: 2GB | | 1 | 1 |
| Set 17 : Monitor : Samsung Keyboard: Whiteboard Mouse : Genius Processor : Philips; Dual Core Power Lock Hard Disk : Ram: | | 1 | 1 |

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|---|--|---|---|
| Set 3 : Monitor : S/N 32204152642 Keyboard : Genius Mouse : Genius ; S/N 759 Processor :DGMOAD552770 Hard Disk : 500GB,Z3TQV01C Ram : 2GB Set 4 : Monitor : S/N 32204137242 Keyboard : Genius Mouse : Genius; S/N 757 Processor : GDMOAD552771 Hard Disk : 500GB Ram : 2GB | | 1 | 1 |
| Set 5: Monitor : Gateway Keyboard : Genius Mouse : Genius; 787 Processor : DGMOAD552763 Hard Disk : 500GB;Z3TR2YPH Ram : 2 GB | | 1 | 1 |

| B. BIOLOGY LABORATORY | | | |
|-------------------------------------|---------------|----------|----|
| 1. Calorimeter, Electric | - | 2 units | 2 |
| 2. Centrifuge | 1 | 1 unit | 1 |
| 3. Clark Type Probes (Multi Probes) | 1 | - | - |
| 4. Cold Cabinet | 1 | - | - |
| 5. Colony Counter | - | 1 unit | 1 |
| 6. Compass | 1 | 1 unit | 1 |
| 7. Compound Microscope | 1 per student | 81 units | 81 |
| 8. Computer (Intel-Core todou) | - | 1 set | 1 |
| 9. Day Light Processing (DLP) | - | 8 units | 8 |
| 10. Digital Plan Measure | - | 1 unit | 1 |
| 11. Digital Sigma Cat | - | 1 unit | 1 |
| 12. Distilling Apparatus | 1 | 1 unit | 1 |
| 13. D.O. Meter | - | 1 unit | 1 |
| 14. Drawing Tube | - | 2 units | 1 |
| 15. Ecology Field Trip | - | 1 unit | 1 |
| 16. Edifier Sound Box | - | 3 units | 3 |
| 17. Electric/Ceiling Fans | 4 | 36 units | 36 |

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|-------------------------------------|----------------------|---------------------------------|-----|
| 18. Electrophoresis Kit | 1 | 1 (Bio Lab) 2 (Mol. Bio Lab) | 3 |
| 19. Extraction Trays | - | 100 pcs | 100 |
| 20. Fire Extinguisher | - | 6 units | 6 |
| 21. Fume hood | 1 | 1 (Chem Lab) | 1 |
| 22. Furnace | 1 | 1 (Bio Lab) 2 (Chem Lab) | 3 |
| 23. Glass Aquaria with aerators | 1 set per 5 students | 1 unit | 1 |
| 24. Global Positioning System | - | 1 unit | 1 |
| 25. Growth Chamber | 1 | 1 unit | 1 |
| 26. Hand Lens | - | 32 units | 32 |
| 27. Hanging Pan Balance (OHAUS) | - | 4 units | 4 |
| 28. Homogenizer | 1 | 1 unit | 1 |
| 29. Hot plate | - | 1 unit | 1 |
| 30. In hoof Sedimentation Cone | - | 1 unit | 1 |
| 31. Incubator | - | 2 units | 2 |
| 32. Inoculating Chamber | - | 1 unit | 1 |
| 33. Insect Net | - | 2 units | 2 |
| 34. Isolation Chamber | - | 7 units | 7 |
| 35. Kymograph Animal Physiology Kit | 1 set per 5 students | 2 units | 2 |
| 36. Laminar Flow | - | 1 unit | 1 |
| 37. Laptop Computer | - | 1 unit | 1 |
| 38. Leaf Area Meter | 1 | - | - |
| 39. Light Meter | 1 | 2 units | 2 |
| 40. Live Traps | - | 50 units | 50 |
| 41. Magnetic Stirrer | 1 | 2 (Chem Lab) | 2 |
| 42. Model: Male Pelvis Section | - | 1 unit | 1 |
| 43. Meter Stick | - | 10 units | 10 |
| 44. Micropipette with diff volume | - | 3 units | 3 |
| 45. Micro projector | - | 1 unit | 1 |
| 46. Microscope (Binocular) | - | 6 units | 6 |
| 47. Microscope (Olympus) | - | 39 units | 39 |

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|---|-------------------|--------------------------------|----|
| 57. Microscope (Trinocular) w/ Photomicrograph | - | 2 units | 2 |
| 58. Microscope with mounted camera assembly | 1 | 1 unit | 1 |
| 59. Microtome, Rotary | 1 | 2 units | 2 |
| 60. Minivid Camera | - | 1 unit | 1 |
| 62. Mist nets | - | 30 | 30 |
| 63. Model: Human Eye | - | 1 | 1 |
| 64. Model: Human Female Rep. System | - | 1 | 1 |
| 65. Model: Human Male Rep. System | - | 1 | 1 |
| 66. Model: Human Skeleton | - | 1 | 1 |
| 67. Model: Human Skin | - | 1 | 1 |
| 68. Model: Human Teeth | - | 1 | 1 |
| 69. Model: Human Torso | - | 1 | 1 |
| 70. Model: Integumentary System | - | 1 | 1 |
| 71. Model: Neuron | - | 1 | 1 |
| 72. Model: Skeletal System | - | 1 | 1 |
| 73. Motic Student Microscope | - | 1 | 1 |
| 74. Ocular Micrometer | - | 5 | 5 |
| 75. Oven | 1 unit per lab | 1 (Bio Lab) 1 (Chem Lab) | 2 |
| 76. Overhead Projector | - | 4 | 4 |
| 77. pH Meter (Digital & Soil) | - | 2 | 2 |
| 78. Photo-Micrography | - | 2 | 2 |
| 79. Plankton Net | - | 2 | 2 |
| 80. Plant Pressers | - | 6 | 6 |
| 81. Platform Balance | 1 | 2 (Chem) | 2 |
| 82. Polar Sachari Meter (Laurent System), Elma | - | 1 | 1 |
| 83. Polaroid Camera | 1 | - | - |
| 84. Pressure Cooker | - | 1 | 1 |
| 85. Printer, Computer | - | 2 | 2 |
| 86. Psychrometer Sling | - | 10 | 10 |
| 87. Psychrometer, Digital | - | 1 | 1 |
| 88. Rain Gauge (Digital) | - | 1 | 1 |
| 89. Refractometer | - | 1 | 1 |

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|---|---------------------------------|-----------------------------|----|
| 90. Refrigerator | 1 | 4 (Bio Lab) 1 (Chem Lab) | 5 |
| 91. Respirometer | 1 | 1 | 1 |
| 92. Saccharometer | - | 1 | 1 |
| 93. Salinometer/Refractometer | 1 | 1 | 1 |
| 94. Secchi Disk | - | 2 | 2 |
| 95. Sediment Sampler | 1 | 1 | 1 |
| 96. Shaker | 1 | 1 | 1 |
| 97. Sieves | 1 | 4 | 4 |
| 98. Slide Projector | 1 | 1 | 1 |
| 99. Sling Psychrometer | 1 | 10 | 10 |
| 100. Soil Corer | - | 2 | 2 |
| 101. Spectrophotometer | - | 1 | 1 |
| 102. Sphygmomanometer | - | 9 | 9 |
| 103. Spirometer (Wet) | - | 1 | 1 |
| 104. Stage Micrometer | 1 | 5 | 5 |
| 105. Stereoscope (Binocular) | - | 25 | 25 |
| 106. Stereoscope (Olympus) | - | 20 | 20 |
| 107. Stereozoom Microscope | 1 piece per group of 5 students | 2 | 2 |
| 108. Stethoscope | - | 7 | 7 |
| 109. Stove | 1 unit per group of 5 students | 2 (Bio Lab) 7 (Chem Lab) | 9 |
| 110. Television | - | 2 | 2 |
| 111. Thermometer | - | 39 | 39 |
| 112. Tuning Fork on Resonator | - | 6 | 6 |
| 113. Urinometer | - | 1 | 1 |
| 114. UV-VIS Spectrophotometer | 1 | 1 (Visible Spectro) | 1 |
| 115. Vacuum Pump | 1 | 1 | 1 |
| 116. VCD | - | 1 | 1 |
| 117. Vernier Caliper | - | 1 | 1 |
| 118. Vertical Tube for Photomicrography | - | 2 | 2 |
| 119. Vortex Mixer-Shaker (Coloparmer) | - | 1 | 1 |
| 120. Water Bath Shaker | 1 | 1 | 1 |

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|--|---|----|----|
| 121. Water Pollution Kit | - | 1 | 1 |
| 122. Water sampler | 1 | 1 | 1 |
| 123. Weighing Scale | - | 2 | 2 |
| 124. Wind Meter | 1 | 1 | 1 |
| 125. Windscope Speed & Direction Indicator | - | 1 | 1 |
| 126. Wire Gauge | - | 37 | 37 |
| GLASSWARES | | | |
| Beaker 4000 ml | - | 1 | 1 |
| Beaker 2000 ml | - | 1 | 1 |
| Beaker 1000 ml | - | 33 | 33 |
| Beaker 500 ml | - | 20 | 20 |
| Beaker 400 ml | - | 2 | 2 |
| Beaker 250 ml | - | 56 | 56 |
| Beaker 200 ml | - | 1 | 1 |
| Beaker 150 ml | - | 32 | 32 |
| Beaker 100 ml | - | 17 | 17 |
| Beaker 50 ml | - | 72 | 72 |
| Burette | - | 72 | 72 |
| Burette Clamp | - | 7 | 7 |
| Crucible Tong | - | 11 | 11 |
| Erlenmeyer Flask 1000 ml | - | 4 | 4 |
| Graduated Cylinder 50 ml | - | 18 | 18 |
| Graduated Cylinder 10 ml | - | 28 | 28 |
| Graduated Cylinder 100 ml | - | 10 | 10 |
| Mortar & Pestle | - | 25 | 25 |
| Petri Plates | - | | |
| Pipette 10 ml | - | 22 | 22 |
| Plastic Pipette | - | 6 | 6 |
| Reagent Bottles | - | 6 | 6 |
| Screwcap tubes (Large) | - | 42 | 42 |
| Screwcap tubes (Medium) | - | 20 | 20 |
| Screwcap tubes (Small) | - | 8 | 8 |
| Staining Dish | - | 16 | 16 |
| Staining Dish (Long Square) | - | - | - |
| Staining Dish (Square) | | - | - |

| | | | |
|-----------------------------------|---|------|------|
| Staining Dish (White Cover Round) | - | - | - |
| Stirring Rod | - | 29 | 29 |
| Test tube (Large) | - | 119 | 119 |
| Test tube (Medium) | - | 80 | 80 |
| Test tube (Small) | - | 265 | 265 |
| Thistle Tube | - | 17 | 17 |
| Volumetric Flask 1000 ml | - | 2 | 2 |
| Volumetric Flask 800 ml | - | 2 | 2 |
| Volumetric Flask 100 ml | - | 5 | 5 |
| Volumetric Flask 50 ml | - | 3 | 3 |
| LABORATORY MATERIALS | | | |
| Alcohol lamp | - | 62 | 62 |
| Blade | - | 425 | 425 |
| Blue Tips | - | 1100 | 1100 |
| Cork Borer | - | 50 | 50 |
| Cork Borer | - | 6 | 6 |
| Cotton Buds | - | 830 | 830 |
| Dissecting Pan | - | 129 | 129 |
| Electric Bulb | - | 5 | 5 |
| Erlenmeyer Flask 500 ml | - | 19 | 19 |
| Erlenmeyer Flask 250 ml | - | 44 | 44 |
| Erlenmeyer Flask 125 ml | - | 36 | 36 |
| Funnel (Large) | - | 7 | 7 |
| Funnel (Plastic) | - | | |
| Funnel (Small) | - | | 9 |
| Graduated Cylinder 500 ml | - | 5 | 5 |
| Graduated Cylinder 250 ml | - | 4 | 4 |
| Extension Wire | - | 4 | 4 |
| Forceps | - | 40 | 40 |
| Goggles | - | 10 | 10 |
| Inoculating Loop | - | 54 | 54 |
| Kymograph Paper | - | 151 | 151 |
| Lancets | - | 706 | 706 |
| Live toad | - | 40 | 40 |
| Medicine dropper | - | 100 | 100 |
| Percussion hammer | - | 16 | 16 |

| | | | |
|---|---|------|------|
| Pins | - | 1059 | 1059 |
| Plastic Cup | - | 8 | 8 |
| Ruler | - | 45 | 45 |
| Snorkel | - | 10 | 10 |
| Spatula | - | 21 | 21 |
| Staining dish | - | 15 | 15 |
| Straw | - | 250 | 250 |
| Test tube Brush | - | 66 | 66 |
| Test Tube rack (Wood) | - | 45 | 45 |
| Test tube rack (Plastic) | - | 16 | 16 |
| Test tube rack (Steel) | - | 4 | 4 |
| Toothpicks | - | 3 | 3 |
| Tray | - | 54 | 54 |
| Wash bottle | - | 31 | 31 |
| White tips (Clear tips) | - | 1000 | 1000 |
| Wire gauge | - | 8 | 8 |
| Yellow tips | - | 400 | 400 |
| MICROSCOPES | | | |
| Binocular, Electric Microscope (Olympus) | - | 1 | 1 |
| Microscope projector | - | 5 | 5 |
| Monocular microscope (Olympus/UNESCO/DOST) | - | 43 | 43 |
| Binocular microscope | - | 81 | 81 |
| Olympus objective | - | 2 | 2 |
| Photomicroscope | - | 1 | 1 |
| Stereoscope (UNESCO/DOST) | - | 28 | 28 |
| Trinocular microscope | - | 1 | 1 |
| INSTRUCTIONAL MANUAL | | | |
| DLP | - | 4 | 4 |
| DLP projector | - | 2 | 2 |
| DNA model | - | 1 | 1 |
| Edifier sound box | - | 3 | 3 |
| Elmo hp-285 portable ohp | - | 2 | 2 |
| Elmo ohp | - | 1 | 1 |
| Eye model | - | 1 | 1 |
| Female pelvis section | - | 1 | 1 |

| | | | |
|---|---|----|----|
| Female reproductive system | - | 1 | 1 |
| Heart model | - | 1 | 1 |
| Human body showing the whole muscle | - | 1 | 1 |
| Human skull model | - | 1 | 1 |
| Human torso & head | - | 1 | 1 |
| Male pelvis section | - | 1 | 1 |
| Male reproductive system model | - | 1 | 1 |
| ACETATE | | | |
| Formulas and equation | - | 1 | 1 |
| How green plants make and store foods | - | 1 | 1 |
| Insect life cycle | - | 1 | 1 |
| Matter & Molecular theory | - | 1 | 1 |
| Mendel's Law | - | 1 | 1 |
| Planets | - | 1 | 1 |
| Rocks and Minerals | - | 1 | 1 |
| Sponges | - | 1 | 1 |
| Understanding our Earth | - | 1 | 1 |
| Wonder world of Science | - | 1 | 1 |
| Projector slides | - | 1 | 1 |
| Cell function | - | 1 | 1 |
| Cell function | - | 1 | 1 |
| Cell structure | - | 1 | 1 |
| Cell theory | - | 1 | 1 |
| DNA/RNA | - | 1 | 1 |
| Environments and ecosystem | - | 1 | 1 |
| How do fungi get food? | - | 1 | 1 |
| How do green plant get food? | - | 1 | 1 |
| Monerans: Bacteriai, Blue-green Algae & Viruses | - | 1 | 1 |
| Protist& Algae | - | 1 | 1 |
| PREPARED SLIDES | | | |
| Adipose tissue (Human) | - | 40 | 40 |
| Adipose tissue (Section) | - | 7 | 7 |
| Adrenal mammalian | - | 1 | 1 |
| Aedes female w.m. | - | 1 | 1 |
| Amoeba proteusw.m. | - | 1 | 1 |

| | | | |
|--|---|----|----|
| Amphioxus w.m. | - | 1 | 1 |
| Ancyclostomacanthum w.m. | - | 1 | 1 |
| Ancyclostomacanthum (female) w.m. | - | 2 | 2 |
| Ancyclostomacanthum (male) w.m. | - | 1 | 1 |
| Anopheles female w.m. | - | 1 | 1 |
| Anopheles larva w.m. | - | 3 | 3 |
| Anopheles male w.m. (Parasitology) | - | 1 | 1 |
| Anopheles pupa w.m. | - | 1 | 1 |
| Arthropoda human louse | - | 1 | 1 |
| Ascaris l.s. (uterus) | - | 1 | 1 |
| Ascaris lumbricoides (female c.s.) | - | 1 | 1 |
| Ascaris lumbricoides (male c.s.) | - | 1 | 1 |
| Ascaris lumbricoides eggs (parasitology) | - | 2 | 2 |
| Ascaris lumbricoides ova w.m. | - | 2 | 2 |
| Bacillus subtilis | - | 2 | 2 |
| Bone (decalsified.) c.s. | - | 20 | 20 |
| Bone (developing) x.s. | - | 4 | 4 |
| Bone (human) | - | 2 | 2 |
| Bone tissue | - | 20 | 20 |
| Bowman's capsule kidney x.s. | - | 1 | 1 |
| Brown skin sect. (human) | - | 1 | 1 |
| Butterflies mouth parts (sucking) | - | 2 | 2 |
| Butterfly antenna clavate | - | 2 | 2 |
| Butterfly wing w.m. | - | 1 | 1 |
| Cadena de amor anther with pollen x.s. | - | 1 | 1 |
| Cat ovary c.s. | - | 1 | 1 |
| Chicken louse | - | 1 | 1 |
| Chlorella w.m. | - | 1 | 1 |
| Cimex lectularius adult | - | 2 | 2 |
| Clostridium perfringens | - | 1 | 1 |
| Coelenterate w.m. (Hydra budding) | - | 1 | 1 |
| Corn older stem | - | 11 | 11 |
| Culex w.m. female | - | 2 | 2 |
| Culex w.m. male | - | 2 | 2 |
| Cyanophyta nostoc w.m. | - | 1 | 1 |
| Daphnia w.m. | - | 2 | 2 |

| | | | |
|---|---|----|----|
| Diatoms fresh water w.m. | - | 1 | 1 |
| Dicot citrus stem | - | 10 | 10 |
| Dicot citrus stem x.s. | - | 10 | 10 |
| Dicot stem c.s. | - | 1 | 1 |
| Didinium devouring paramecium | - | 1 | 1 |
| Didinium w.m. | - | 1 | 1 |
| Dpylidium caninum ripe | - | 1 | 1 |
| Earthworm ls. | - | 1 | 1 |
| Ectoparasite of hipposideros diadema | - | 2 | 2 |
| Ectoparasite of miniopterus australis | - | 1 | 1 |
| Ectoparasite of myotis horsfieldii | - | 2 | 2 |
| Ectoparasite of rousettus amplexicaudatus | - | 1 | 1 |
| Entamoeba histolytica trophozoites cyst | - | 5 | 5 |
| Escherichia coli | - | 1 | 1 |
| Esophagus x.s. | - | 5 | 5 |
| Fasciolagigantica w.m. | - | 2 | 2 |
| Fasciola hepatica | - | 1 | 1 |
| Fasciola hepatica typical section | - | 1 | 1 |
| Fern leaf with sporangia (pteridophytes) x.s. | - | 3 | 3 |
| Foraminifera w.m. | - | 1 | 1 |
| Frog skin | - | 8 | 8 |
| Fungi | - | 1 | 1 |
| Giardia lamblia trophozoites | - | 2 | 2 |
| Gland thymus mammalian | - | 2 | 2 |
| Grantia spicules | - | 1 | 1 |
| Grantia x.s and l.s. | - | 1 | 1 |
| Gubula w.m. | - | 1 | 1 |
| Haemo-lymph node mammalian | - | 1 | 1 |
| Head louse (adult) | - | 2 | 2 |
| Head louse (egg) | - | 3 | 3 |
| Head louse (nymph) | - | 3 | 3 |
| Hymenolepis nana w.m. | - | 2 | 2 |
| Insect spiracle w.m. (arthropoda) | - | 1 | 1 |
| Lxora leaf c.s. (dicot) | - | 15 | 15 |
| Lactating gland mammalian | - | 2 | 2 |

| | | | |
|--|---|----|----|
| Large intestine (Rabbit) x.s. | - | 6 | 6 |
| Leucosolenia w.m. (porifera) | - | 2 | 2 |
| Lily anther with pollen x.s. mature (flower) | - | 1 | 1 |
| Lily bud l.s. (flower) | - | 1 | 1 |
| Lily ovary x.s. Gen. structure (Flower) | - | 1 | 1 |
| Lily style and stigma l.s. (flower) | - | 1 | 1 |
| Lily x.s. anther tetrads (flower) | - | 2 | 2 |
| Lung mammalian | - | 1 | 1 |
| Male mosquito (ectoparasite) | - | 2 | 2 |
| Mammal areola tissue | - | 1 | 1 |
| Mammal yellow elastic tissue teased | - | 1 | 1 |
| Mesothelium x.s. | - | 5 | 5 |
| Mitosis | - | 1 | 1 |
| Mixed amoebic infection | - | 2 | 2 |
| Mixed spicules (porifera) | - | 3 | 3 |
| Monocot leaf x.s. | - | 12 | 12 |
| Monocot Zea mays root x.s. | - | 9 | 9 |
| Mosquito female (Epidemiaulaya) | - | 1 | 1 |
| Moss sporophyte | - | 1 | 1 |
| Mosses and ferns | - | 1 | 1 |
| Musa head w.m. (Arthropoda) | - | 2 | 2 |
| Muscle head w.m. (Arthropoda) | - | 1 | 1 |
| Muscle spindle l.s. | - | 3 | 3 |
| Mycobacterium tuberculosis | - | 1 | 1 |
| Nerve cells (cow c.s.) | - | 1 | 1 |
| Nerve cells (cow sect.) | - | 1 | 1 |
| Nerve cells smear (cow) | - | 10 | 10 |
| Nitrogen-fixing sect. (rhizobium) | - | 2 | 2 |
| Nymphaea leaf c.s. dicot | - | 9 | 9 |
| Obelia hydroid w.m. | - | 1 | 1 |
| Obelia hydroid w.m. | - | 1 | 1 |
| Old root (x.s. Ranunculus) | - | 10 | 10 |
| Older stem c.s. (Helianthus) | - | 5 | 5 |
| Onion root tip | - | 40 | 40 |
| Opalina w.m. | - | 3 | 3 |

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|-------------------------------------|---|-----------------------------|---|
| | | Central Lab) | |
| Autoclave | 1 | 1 | 1 |
| Barometer | 1 | 1(Physics Lab) | 1 |
| Calorimeter | 1 | 1(manual) | 1 |
| Centrifuge | 5 | 3(Chem Lab) 2 (Bio Lab) | 3 |
| Furnace | - | 3 | 3 |
| Gas Chromatography | 1 | - | - |
| High Pressure Liquid Chromatography | 1 | - | - |
| Hot plates | 5 | 7 | 7 |
| Laboratory Oven | 1 | 1 | 1 |
| Magnetic Stirrer | - | 2 | 2 |
| Manometer | 1 | - | - |
| Melting Point Apparatus | 1 | 1 | 1 |
| Microscope | 1 | 2(Chem Lab) 111(Bio Lab) | 2 |
| Moisture meter | - | 1 | 1 |
| Nitrogen Analyzer (Kjeldahl) | - | 2(USMARC Lab & PRTC) | 2 |
| Overhead Projector | - | 3 | 3 |
| pH Meter | 1 | 2 | 2 |
| Polarimeter | 1 | 1 | 1 |
| Polarograph | 1 | - | - |
| TLC and Gravity column | 1 | 1 | 1 |
| Refractometer | 1 | 1 | 1 |
| Top-loading Balance | 1 | 3 | 3 |
| Triple Beam Balance | 1 | 3 | 3 |
| UV-VIS Spectrophotometer | 1 | 1(Visible Spectro) | 1 |
| Vacuum pump | 1 | 1 | 1 |
| VCR Television set | 1 | 1 | 1 |
| Viscometer | 1 | 4 | 4 |
| Blow Torch | - | 2 pcs | 2 |

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|---|---|------------|----|
| Paragonimus westermni ova | - | 1 | 1 |
| Paramecium in conjugation w.m. | - | 1 | 1 |
| Paramecium in fission w.m. | - | 1 | 1 |
| Parotid gland x.s. | - | 1 | 1 |
| Pediculus humanus capitis male w.m. (parasitology) | - | 1 | 1 |
| Pine old root c.s. (Gymnosperm) | - | 1 | 1 |
| Pine section (wood) | - | 3 | 3 |
| Pinus ovule free nuclear stage | - | 2 | 2 |
| Pinus ovule with egg nucleus (gymnosperm) | - | 1 | 1 |
| Planaria w.m. | - | 1 | 1 |
| Plasmodium falciparum rings | - | 1 | 1 |
| Plasmodium vivox | - | 1 | 1 |
| Prepared slides of letter E or A | - | 43 | 43 |
| Proteus vulgaris | - | 2 | 2 |
| Pseudomonas aerogenosa | - | 1 | 1 |
| Ranunculus old root c.s. (dicot) | - | 10 | 10 |
| Rousettus amplexicaudatus | - | 1 | 1 |
| Trichinella spiralis encysted larvae | - | 1 | 1 |
| Trichinella spiralis muscle (turtox) | - | 2 | 2 |
| Trichiura female w.m. (trichuris) | - | 1 | 1 |
| Turbatrix acetiv. w.m. | - | 2 | 2 |
| Ventricle x.s. showing myocardium | - | 1 | 1 |
| Vermicularis ova w.m. (enterobius) | - | 1 | 1 |
| Vibrio (coma) | - | 1 | 1 |
| Vorticella w.m. (protozoa) | - | 1 | 1 |
| White fish blastula | - | 4 | 4 |
| Yeast smear (fungi) | - | 1 | 1 |
| Young root x.s. (ranunculus) | - | 9 | 9 |
| Zea mays root tip l. s. (monocot) | - | 9 | 9 |
| Zea mays root x.s. (monocot) | - | 10 | 10 |
| Zea mays stem x.s. (monocot) | - | 10 | 10 |
| C. CHEMISTRY LABORATORY | | | |
| Analytical Balance | 1 | 2 | 2 |
| Atomic Absorption Spectrophotometer | 1 | 1 (USMARC) | 1 |

| | | | |
|----------------------------------|---|------------|-------|
| Board of Nails | | pcs | 2 |
| Boyle's Law apparatus | - | 2 units | 2 |
| Bread Board | | pcs | 5 |
| Calorimeter | - | 7 pcs | 7 |
| Capacitor experimental apparatus | - | 1 set | 1 set |
| Capillary tube apparatus | - | 2 units | 2 |
| Carburandum | | pcs | 1 |
| Carpenter Tape | | pcs | 6 |
| Cart for inclined plane | | pcs | 3 |
| Chain steel tape | | pcs | 5 |
| Centrifugal force apparatus | - | 1 unit | 1 |
| Charle's law apparatus | - | 1 set | 1 |
| Chisel | | set | 1 |
| Clamps | | pcs | 5 |
| Claw hammer | | pcs | 1 |
| Collision in 2 dimension | | pcs | 4 |
| Counter | | pcs | 1 |
| Cylinder Aluminum | | pcs | 1 |
| DC ammeter | - | 5 pcs | 5 |
| Demonstration balance | - | 2 units | 2 |
| Denver Triple Beam balance | - | 4 units | 4 |
| Disc Grinder | - | 1 unit | 1 |
| Double pulley | | set | 1 |
| Drill bits | | set | 1 |
| Vortex Mixer | 1 | 1(Bio Lab) | 1 |
| Water Distillation unit | 1 | 1 | 1 |
| D. PHYSICS LABORATORY | | | |
| Barometer, Mercurial | - | 1 unit | 1 |
| Beakers | | pcs | 5 |
| Bench Vise | | pcs | 2 |
| Bench Type Drill press | - | 1 unit | 1 |
| Dynamics chart | | set | 5 |
| e/m Systems apparatus | - | 1 set | 1 |
| Electric calorimeter | - | 2 pcs | 2 |
| Electric plier | | pcs | 6 |
| Electric soldering gun | - | 1 unit | 1 |

| | | | |
|----------------------------------|---|---------|----|
| Electric soldering iron | - | 4 pcs | 4 |
| Electric stove | - | 3 units | 3 |
| Electronic multi-tester | - | 2 pcs | 2 |
| Electroscope | - | 1 unit | 1 |
| Equilateral prism | | pcs | 2 |
| Flat file | | pcs | 1 |
| Frank Hertz Experiment Apparatus | - | 1 unit | 1 |
| Flexible file | | pcs | 2 |
| Flint –glass prism | | pcs | 1 |
| Force frame | | pcs | 5 |
| Force table | | pcs | 1 |
| Force table clamps | | pcs | 12 |
| Fractional weights | | pcs | 1 |
| Free-fall w/ digital display | | unit | 1 |
| Friction sets | | pcs | 2 |
| Function signal generator | - | 3units | 3 |
| Galvanometer | - | 5 units | 5 |
| Graduated cylinder | - | pcs | 2 |
| Hacksaw | - | 1pc | 1 |
| He/Ne Laser | - | 1 pc | 1 |
| Hemisphere | | unit | 1 |
| Holder | | pcs | 2 |
| Holt melt glue gun | - | 1 unit | 1 |
| Hook's law apparatus | - | 1 unit | 1 |
| Hydrometer | | 3pcs | 3 |
| Iliminator | | pcs | 1 |
| Inclined plane | | pcs | 9 |
| Iron stand | | pcs | 12 |
| Kundt's apparatus | | 1 unit | 1 |
| Lab. jack | | pcs | 2 |
| Lenses | | pcs | 2 |
| Linear air track apparatus | | 1 unit | 1 |
| Linear expansion apparatus | | 3pcs | 3 |
| Long magnet | - | 6pcs | 6 |
| Long nose plier | | pcs | 6 |
| Magnetic compass | | pcs | 7 |

| | | | |
|--|---|---------|----|
| Meter stick (w/ metric/ English system graduation) | | pcs | 5 |
| Meter (wood) | | pcs | 4 |
| Micrometer | - | 2 sets | 2 |
| Mirror (con cave and convex) | | pcs | 4 |
| Multi-tester | - | 5 units | 5 |
| Optical bench | | pc | 1 |
| Optical instrument | - | 1 set | 1 |
| Oscilloscope | - | 3 units | 3 |
| pendulum | | pc | 1 |
| Pendulum clamp | | pcs | 10 |
| Photometer | - | 2 pcs | 2 |
| Physics Chart with Tripod | - | 1 pc | 1 |
| Platform Balance | - | 7 units | 7 |
| Polarizer Disc | - | 2 pcs | 2 |
| Projectile Gun, steel | - | 5 pcs | 5 |
| Pycnometer | - | 6 pcs | 6 |
| Rectilinear Motion Apparatus | - | 1 pc | 1 |
| Regulated Power supply | - | 2 units | 2 |
| Soldering Gun | - | 1 pc | 1 |
| Spherometer | - | 1 pc | 1 |
| Steam generator | - | 2 pcs | 2 |
| Vernier Caliper | - | 2 pcs | 2 |
| Voltmeter | - | 9 unit | 9 |
| Voltmeter | - | 1 unit | 1 |
| Weighing Balance (Newton) | - | 2 units | 2 |
| Young Modulus apparatus | - | 1 unit | 1 |

B2. List of fabricated tools and apparatuses, including relevant information

B.3. List of fabricated equipment with patent (state patent number), if any