

**B.S.D.T'S AYURVED MAHAVIDYALAYA WAGHOLI, PUNE - 412 207**

**DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR  
RACHANA SHARIR DEPARTMENTS (DISSECTION HALL)**

| <b>S. No.</b> | <b>Essential Instruments and Equipments</b>                                                                                  | <b>Count / Availability of Instruments / Equipments</b> |
|---------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1             | Tank with a capacity to preserve 2 to 4 bodies.                                                                              | Available                                               |
| 2             | Dissection Table Sets                                                                                                        | 16                                                      |
| 3             | Dissecting Table - Full size with steel top or marble top stainless                                                          | 08                                                      |
| 4             | Dissecting Table - Half size with steel top or marble top stainless                                                          | 08                                                      |
| 5             | Bone cutter of the number $\frac{3}{4}$ , $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{8}$ - fine pointed Chisel bone dissector | Available                                               |
| 6             | Machines for bones and brain sectioning                                                                                      | Available                                               |
| 7             | X-ray viewing box or panels                                                                                                  | 03                                                      |
| 8             | Glass jars of different sizes                                                                                                | Available                                               |
|               | <b>Reagents</b>                                                                                                              |                                                         |
| <b>S. No</b>  | <b>Reagents/Liquids/Others</b>                                                                                               | <b>Availability</b>                                     |
| 1             | Preservative Chemicals                                                                                                       | Available                                               |



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### DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHYSIOLOGY (KRIYA SHARIR) LABORATORY

| S. No. | Essential Instruments and Equipments | Count / Availability of Instruments / Equipments |
|--------|--------------------------------------|--------------------------------------------------|
| 1      | Microscopes with oil immersion       | 30                                               |
| 2      | Westergen's pipette for ESR          | 60                                               |
| 3      | Haematocrit Tube                     | 60                                               |
| 4      | Sahli's Haemoglobinometer            | 60                                               |
| 5      | Haemocytometer                       | 60                                               |
| 6      | Sphygmomanometer                     | 30                                               |
| 7      | Stethoscopes                         | 60                                               |
| 8      | Clinical Thermometer                 | 60                                               |
| 9      | Knee Hammer                          | 60                                               |
| 10     | Tuning forks                         | 60                                               |
| 11     | Electrocardiograph                   | 01                                               |
| 12     | Stop watches                         | 60                                               |
| 13     | Water Distillation still             | 01                                               |
| 14     | Balances                             | 01                                               |
| 15     | Cover slips, glassware, Microslides  | Available                                        |
| 16     | Centrifuge with speed control        | 03                                               |
| 17     | Colorimeter (photoelectric)          | 03                                               |
| 18     | pH meter Electric                    | 01                                               |
| 19     | pH comparator with disc in a batch   | 01                                               |
| 20     | Refrigerator                         | 01                                               |
| 21     | Newton's colour wheel in a batch     | 01                                               |
| 22     | Sterilizer                           | 05                                               |



## B.S.D.T'S AYURVED MAHAVIDYALAYA WAGHOLI, PUNE - 412 207

### DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAISHAJYA KALPANA LABORATORY (TEACHING)

| S. No. | Essential Instruments and Equipments        | Count / Availability of Instruments / Equipments |
|--------|---------------------------------------------|--------------------------------------------------|
| 1      | KhalvaYantra - Small                        | 10                                               |
| 2      | KhalvaYantra - Medium                       | 10                                               |
| 3      | KhalvaYantra - Porcelain                    | 10                                               |
| 4      | KhalvaYantra – Tapta khalv yantra           | 02                                               |
| 5      | Heating Device – Gas Stove                  | Available                                        |
| 6      | Electronic Balance                          | 01                                               |
| 7      | Heating Device - Hot plate                  | Available                                        |
| 8      | Heating Device - Chulla (Charcoal)          | Available                                        |
| 9      | Vessels - Frying Pan                        | Available                                        |
| 10     | Vessels - Steel Vessel                      | Available                                        |
| 11     | Vessels - Spatula                           | Available                                        |
| 12     | Vessels - Ladles and Spoons                 | Available                                        |
| 13     | Vessels - Knife                             | Available                                        |
| 14     | Vessels - Plates                            | Available                                        |
| 15     | Vessels - Samdamsa Yantra(Tongs)            | Available                                        |
| 16     | Measuring Equipments Different Size (Glass) | Available                                        |
| 17     | Big Vessels and Containers - Brass          | Available                                        |
| 18     | Big Vessels and Containers - Copper         | Available                                        |
| 19     | Big Vessels and Containers - Steel etc.     | Available                                        |
| 20     | Balance (Different Capacities) - Physical   | 03                                               |
| 21     | Balance (Different Capacities) - Chemical   | 02                                               |
| 22     | Pounding Apparatus (UlukhalaYantra)         | 10                                               |
| 23     | Sieves (Assorted Nos. and Size)             | Available                                        |
| 24     | Wet Grinder                                 | 03                                               |
| 25     | Mixi                                        | 02                                               |
| 26     | Juice Extractor                             | 01                                               |
| 27     | Putas (Different kind)                      | 10                                               |
| 28     | Pyrometer                                   | Available                                        |
| 29     | Thermo meter                                | Available                                        |
| 30     | Pressure Cooker                             | Available                                        |
| 31     | Moosha (Crucibles)                          | 30                                               |



|    |                                       |           |
|----|---------------------------------------|-----------|
| 32 | Koshti with Blower                    | 03        |
| 33 | Refrigerator                          | 01        |
| 34 | Jars(Porcelain) Fermentation Purpose  | Available |
| 35 | DolaYantra                            | 01        |
| 36 | ValukaYantra                          | 01        |
| 37 | PitharaYantra                         | 02        |
| 38 | BhudharaYantra etc.                   | 01        |
| 39 | Distillation Apparatus and ArkaYantra | 03        |
| 40 | Enamel Trays                          | Available |
| 41 | Spirit Lamp                           | Available |
| 42 | Earthen Vessels-Pots                  | Available |
| 43 | Kupipakva Bhatti                      | 01        |
| 44 | Almiras and Racks for storage         | Available |



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### DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHARMACOGNOSY LABORATORY (DRAVYAGUNA)

| S. No. | Essential Instruments and Equipments  | Count / Availability of Instruments / Equipments |
|--------|---------------------------------------|--------------------------------------------------|
| 1      | Field magnifier                       | 05                                               |
| 2      | Compound microscope                   | 01                                               |
| 3      | Dissecting Microscope                 | 05                                               |
| 4      | Microscope                            | 15                                               |
| 5      | Slides box with cover slips,          | Available                                        |
| 6      | Blotting/filter papers                | Available                                        |
| 7      | Electronic balance                    | 01                                               |
| 8      | Dissection Box                        | Available                                        |
| 9      | Enamel Trays                          | Available                                        |
|        | <b>Reagents</b>                       |                                                  |
| S. No  | Reagents/Liquids/Others               | Availability                                     |
| 1      | Chloroform                            | Available                                        |
| 2      | Alcohol.                              | Available                                        |
| 3      | HCL                                   | Available                                        |
| 4      | Sulphuric acid                        | Available                                        |
| 5      | Sodium, potassium hydroxide           | Available                                        |
| 6      | Benedict solution                     | Available                                        |
| 7      | Sodium nitrate                        | Available                                        |
| 8      | Potassium nitrate                     | Available                                        |
| 9      | Citric acid                           | Available                                        |
| 10     | Iodine                                | Available                                        |
| 11     | Ethyl Alcohol                         | Available                                        |
| 12     | Potassium iodide                      | Available                                        |
| 13     | Xylol/pure xylene (slide preparation) | Available                                        |



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### DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR

#### ROG-VIGYAN (PATHOLOGY LABORATORY )

| S. No. | Essential Instruments and Equipments   | Count / Availability of Instruments / Equipments |
|--------|----------------------------------------|--------------------------------------------------|
| 1      | Binocular microscope                   | 15                                               |
| 2      | X-ray view box                         | 02                                               |
| 3      | Sterile disposable lancet/needle       | Available                                        |
| 4      | Sahli's Square tube                    | 30                                               |
| 5      | Hb pipette                             | 30                                               |
| 6      | Dropper                                | 30                                               |
| 7      | Glass rod                              | Available                                        |
| 8      | WBC Pipette                            | 30                                               |
| 9      | Improved Neubauer chamber              | 30                                               |
| 10     | Cover Slip                             | Available                                        |
| 11     | Red cell pipette                       | 30                                               |
| 12     | Cleaned slides                         | Available                                        |
| 13     | Incubator                              | 01                                               |
| 14     | Wintrobe's tube                        | 30                                               |
| 15     | Pasteur's pipette                      | 30                                               |
| 16     | Centrifuge Graduated Machine           | 02                                               |
| 17     | Westergrens pipette                    | 30                                               |
| 18     | Rubber sheat                           | Available                                        |
| 19     | Westergrens's stand                    | 30                                               |
| 20     | Litmus paper                           | Available                                        |
| 21     | pH indicator paper strips              | Available                                        |
| 22     | Urinometer                             | 30                                               |
| 23     | Multi stix                             | Available                                        |
| 24     | Bunsen burner                          | 30                                               |
| 25     | Test tube                              | Available                                        |
| 26     | Glass Jars with lid of different sizes | Available                                        |
| 27     | Magnifying lens                        | Available                                        |
| 28     | Autoclave                              | 01                                               |
| 29     | Water bath                             | Available                                        |
| 30     | Separating funnels of various sizes    | Available                                        |



|    |                                                         |           |
|----|---------------------------------------------------------|-----------|
| 31 | Stop watch                                              | 30        |
| 32 | Ultraviolet lamp                                        | 01        |
| 33 | Monocular microscope with oil emersion lens20(e)        | 15        |
| 34 | Capillary Tubes                                         | Available |
| 35 | Hot air oven                                            | 01        |
| 36 | Microscope with oil immersion                           | 15        |
| 37 | Refrigerator                                            | 01        |
| 38 | Sterile vessels/bottle to collect samples               | Available |
| 39 | BP Apparatus                                            | 30        |
| 40 | Stethoscope                                             | 30        |
| 41 | Thermometer                                             | 30        |
| 42 | Tongue depressor                                        | 30        |
| 43 | Torch                                                   | Available |
| 44 | Knee hammer                                             | Available |
| 45 | Measuring Tape                                          | Available |
| 46 | ENT examination set                                     | Available |
| 47 | Reflectors(Mirrors)                                     | Available |
| 48 | Weighing machine                                        | 01        |
| 49 | Tuning Forks                                            | Available |
| 50 | Nasal speculum                                          | Available |
| 51 | Laryngoscope                                            | Available |
| 52 | Catheters                                               | Available |
| 53 | Probes                                                  | Available |
| 54 | Physical balance                                        | 01        |
| 55 | Syringe needle destroyer                                | Available |
| 56 | HBs Ag kit                                              | Available |
| 57 | HIV kit - Tridot (method by T Mitra)                    | Available |
| 58 | CT and BT kit                                           | Available |
| 59 | Cell counter (haemoautoanalyser)                        | 01        |
| 60 | Renal profile, LET kit, Lipid profile, Blood, Sugar kit | Available |

