

## DEPARTMENTWISE INSTRUMENTS AND EQUIPMENTS LIST AS PER MSR

## DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHYSIOLOGY LABORATORY

YEAR 2023 - 2024

Faculty: Ayurved

Name of College: Karmaveer.V.T.Randheer Ayurved College, Boradi

College Code: 3310

| Sr.No                | Equipment and Instruments           | Up to Sixty intake capacity | Sixty-one to Hundred intake capacity | Details on College Website | Adequacy |            |
|----------------------|-------------------------------------|-----------------------------|--------------------------------------|----------------------------|----------|------------|
|                      |                                     |                             |                                      |                            | Adequate | Inadequate |
| <b>Essential</b>     |                                     |                             |                                      |                            |          |            |
| 1                    | Microscopes with oil immersion      | Thirty                      | Fifty                                | Yes                        |          | Adequate   |
| 2                    | Westergen's pipette for ESR         | Seventy                     | Hundred                              | Yes                        |          | Adequate   |
| 3                    | Haematocrit Tube                    | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 4                    | Sahl's Haemoglobinometer            | Seventy Six                 | Hundred                              | Yes                        |          | Adequate   |
| 5                    | Haemocytometer                      | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 6                    | Electrocardiograph                  | One                         | One                                  | Yes                        |          | Adequate   |
| 7                    | Stop watches                        | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 8                    | Water Distillation still            | One                         | One                                  | Yes                        |          | Adequate   |
| 9                    | Balances                            | One                         | One                                  | Yes                        |          | Adequate   |
| 10                   | Centrifuge with speed control       | Three                       | Six                                  | Yes                        |          | Adequate   |
| 11                   | Colorimeter (photoelectric)         | Three                       | Six                                  | Yes                        |          | Adequate   |
| 12                   | pH meter Electric                   | One                         | One                                  | Yes                        |          | Adequate   |
| 13                   | pH comparator with disc             | One                         | One                                  | Yes                        |          | Adequate   |
| 14                   | Sphygmomanometer                    | Thirty                      | Fifty                                | Yes                        |          | Adequate   |
| 15                   | Stethoscopes                        | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 16                   | Clinical Thermometer                | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 17                   | Knee Hammer                         | Sixty One                   | Hundred                              | Yes                        |          | Adequate   |
| 18                   | Tuning forks                        | Sixty                       | Hundred                              | Yes                        |          | Adequate   |
| 19                   | Sterilizer                          | Five                        | Five                                 | Yes                        |          | Adequate   |
| <b>General</b>       |                                     |                             |                                      |                            |          |            |
| 20.                  | Refrigerator                        | One                         | One                                  | Yes                        |          | Adequate   |
| 21.                  | Newton's colour wheel in a batch    | One                         | One                                  | Yes                        |          | Adequate   |
| <b>Miscellaneous</b> |                                     |                             |                                      |                            |          |            |
| 22.                  | Cover slips, glassware, Microslides | Assorted                    |                                      | Yes                        |          | Adequate   |

Dean/ Principal Stamp &amp; Signature


Karmaveer V.T.Randhi  
Ayurved College, Bora

**(B) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR DISSECTION HALL**

| S. No.               | Instruments and Equipments  | Up to Sixty intake capacity | Sixty-one to Hundred intake capacity | Details on College Website | Adequate / Inadequate |
|----------------------|---|-----------------------------|--------------------------------------|----------------------------|-----------------------|
| <b>Essential</b>     |   |                             |                                      |                            |                       |
| 1.                   | Tank with a capacity to preserve 2-4 bodies.                                |                             | Assorted                             | Yes                        | Adequate              |
| 2.                   | Machines for bones and brain sectioning                                     |                             | Assorted                             | Yes                        | Adequate              |
| 3.                   | Dissection Sets   | Fifteen Sets                | Twenty-five sets                     | Yes                        | Adequate              |
| 4.                   | Dissecting Table  |                             |                                      |                            |                       |
| a)                   | Full size with steel top or marble top stainless                            | Four                        | Six                                  | Yes                        | Adequate              |
| b)                   | Half size with steel top or marble top stainless                            | Eight                       | Ten                                  | Yes                        | Adequate              |
| <b>General</b>       |   |                             |                                      |                            |                       |
| 5.                   | X-ray viewing box or panels   | Three                       | Three                                | Yes                        | Adequate              |
| <b>Miscellaneous</b> |   |                             |                                      |                            |                       |
| 6.                   | Bone cutter of the number ¼, ½, ¼, 1/8 - fine pointed Chisel bone dissector |                             | Assorted                             | Yes                        | Adequate              |
| 7.                   | Glass jars of different sizes   |                             | Assorted                             | Yes                        | Adequate              |
| 8.                   | Preservative Chemicals  |                             | Assorted                             | Yes                        | Adequate              |

  
**Dean/ Principal Stamp & Signature**  
**PRINCIPAL**

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 Tal. Shirpur, Dist. Dhule 425 428



**(C) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR RASASHASTRA AND BHAI SHAJYA KALPANA LABORATORY**

| Sr. No.          | Equipment and Instruments              | Up to Sixty intake capacity | Sixty- one to Hundred intake capacity | Details on College Website | Adequate / Inadequate |
|------------------|--|-----------------------------|---------------------------------------|----------------------------|-----------------------|
| <b>Essential</b> |  |                             |                                       |                            |                       |
| 1.               | <b>Khalva Yantra-</b>                  |                             |                                       |                            |                       |
| a)               | Small                                  | Ten                         | Twenty                                | Yes                        | Adequate              |
| b)               | Medium                                 | Ten                         | Twenty                                | Yes                        | Adequate              |
| c)               | Porcelain                              | Ten                         | Twenty                                | Yes                        | Adequate              |
| d)               | Taptakhalvyantra                       | Two                         | Four                                  | Yes                        | Adequate              |
| 2.               | Pounding Apparatus (Ulukhala Yantra)   | Ten                         | Twenty                                | Yes                        | Adequate              |
| 3.               | Putas (Different kind)                 | Five                        | Ten                                   | Yes                        | Adequate              |
| 4.               | Moosha (Crucibles)                     | Thirty                      | Fifty                                 | Yes                        | Adequate              |
| 5.               | Koshi with Blower                      | Two                         | Four                                  | Yes                        | Adequate              |
| 6.               | <b>Yantras</b>                         |                             |                                       |                            |                       |
| a)               | Dola Yantra                            | One                         | One                                   | Adequate                   | Adequate              |
| b)               | Valuka Yantra                          | One                         | One                                   | Adequate                   | Adequate              |
| c)               | Pithara Yantra                         | One                         | One                                   | Adequate                   | Adequate              |
| d)               | Bhuhara Yantra etc.                    | One                         | One                                   | Adequate                   | Adequate              |
| 7.               | Distillation Apparatus and Arka Yantra | Three                       | Six                                   | Adequate                   | Adequate              |
| 8.               | Kupipakva Bhatti                       | One                         | One                                   | Adequate                   | Adequate              |
| <b>General</b>   |  |                             |                                       |                            |                       |
| 9.               | Wet Grinder                            | One                         | One                                   | Yes                        | Adequate              |
| 10.              | Mixi                                   | One                         | One                                   | Yes                        | Adequate              |
| 11.              | Juice Extractor                        | One                         | One                                   | Yes                        | Adequate              |
| 12.              | Refrigerator                           | One                         | One                                   | Yes                        | Adequate              |
| 13.              | Almiras and Racks for storage          | Assorted                    |                                       | Yes                        | Adequate              |
| 14.              | <b>Balance (Different Capacities)</b>  |                             |                                       |                            |                       |
| a)               | Physical                               | One                         | One                                   | Yes                        | Adequate              |
| b)               | Chemical                               | One                         | One                                   | Yes                        | Adequate              |
| c)               | Electronic Balance                     | One                         | One                                   | Yes                        | Adequate              |
| 15.              | <b>Heating Device-</b>                 |                             |                                       |                            |                       |
| a)               | Gas Stove                              | Assorted                    |                                       | Yes                        | Adequate              |
| b)               | Hot plate                              | Assorted                    |                                       | Yes                        | Adequate              |
| c)               | Chulla (Charcoal)                      | Assorted                    |                                       | Yes                        | Adequate              |
| 16.              | <b>Big Vessels and Containers-</b>     |                             |                                       |                            |                       |
| a)               | Brass                                  | Assorted                    |                                       | Yes                        | Adequate              |

|                      |   |          |     |          |
|----------------------|---|----------|-----|----------|
| c)                   | Steel etc.                                  | Assorted | Yes | Adequate |
| d)                   | Earthen Vessels-Pots                        | Assorted | Yes | Adequate |
| <b>Miscellaneous</b> |   |          |     |          |
| 17.                  | Jars(Porcelain) Fermentation Purpose        | Assorted | Yes | Adequate |
| 18.                  | Enamel Trays                                | Assorted | Yes | Adequate |
| 19.                  | Spirit Lamp                                 | Assorted | Yes | Adequate |
| 20.                  | Pressure Cooker                             | Assorted | Yes | Adequate |
| 21.                  | Measuring Equipments Different Size (Glass) | Assorted | Yes | Adequate |
| 22.                  | Pyrometer                                   | Assorted | Yes | Adequate |
| 23.                  | Thermo meter                                | Assorted | Yes | Adequate |
| 24.                  | Vessels                                     | Assorted | Yes | Adequate |
| a)                   | Frying Pan                                  | Assorted | Yes | Adequate |
| b)                   | Steel Vessel                                | Assorted | Yes | Adequate |
| c)                   | Spatula                                     | Assorted | Yes | Adequate |
| d)                   | Ladles and Spoons                           | Assorted | Yes | Adequate |
| e)                   | Knife                                       | Assorted | Yes | Adequate |
| f)                   | Plates                                      | Assorted | Yes | Adequate |
| g)                   | Sandamsa Yantra(Tongs)                      | Assorted | Yes | Adequate |
| 25.                  | Sieves (Assorted Nos. and Size)             | Assorted | Yes | Adequate |

  
**Dean/Principal Stamp & Signature**  
**PRINCIPAL**  
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 Tal. Shirpur, Dist. Dhule 425 428



(D) DETAILS OF EQUIPMENTS AND INSTRUMENTS REQUIRED FOR PHARMACOLOGY LABORATORY [DRAVYAGUNA]

| S.No. | Equipment and Instruments             | Up to Sixty intake capacity |               | Sixty-one to Hundred intake capacity | Details on College Website | Adequate/ Inadequate |
|-------|---------------------------------------|-----------------------------|---------------|--------------------------------------|----------------------------|----------------------|
|       |                                       | Essential                   | Miscellaneous |                                      |                            |                      |
| 1.    | Field magnifier                       | One                         |               | One                                  | Yes                        | Adequate             |
| 2.    | Compound microscope                   | One                         |               | One                                  | Yes                        | Adequate             |
| 3.    | Dissecting Microscope                 | One                         |               | One                                  | Yes                        | Adequate             |
| 4.    | Microscope                            | Fifteen                     |               | Twenty five                          | Yes                        | Adequate             |
| 5.    | Electronic balance                    | One                         |               | Two                                  | Yes                        | Adequate             |
| 6.    | Slides box with cover slips,          |                             |               |                                      |                            | Adequate             |
| 7.    | Blotting/filter papers                |                             |               | Assorted                             | Yes                        | Adequate             |
| 8.    | Dissection Box                        |                             |               | Assorted                             | Yes                        | Adequate             |
| 9.    | Enamel Trays                          |                             |               | Assorted                             | Yes                        | Adequate             |
| 10.   | <b>Reagents-</b>                      |                             |               | Assorted                             | Yes                        | Adequate             |
| a.    | Chloroform                            |                             |               | Assorted                             | Yes                        | Adequate             |
| b.    | Alcohol.                              |                             |               | Assorted                             | Yes                        | Adequate             |
| c.    | HCL                                   |                             |               | Assorted                             | Yes                        | Adequate             |
| d.    | Sulphuric acid                        |                             |               | Assorted                             | Yes                        | Adequate             |
| e.    | Sodium, potassium hydroxide           |                             |               | Assorted                             | Yes                        | Adequate             |
| f.    | Benedict solution                     |                             |               | Assorted                             | Yes                        | Adequate             |
| g.    | Sodium nitrate                        |                             |               | Assorted                             | Yes                        | Adequate             |
| h.    | Potassium nitrate                     |                             |               | Assorted                             | Yes                        | Adequate             |
| i.    | Citric acid                           |                             |               | Assorted                             | Yes                        | Adequate             |
| j.    | Iodine                                |                             |               | Assorted                             | Yes                        | Adequate             |
| k.    | Ethyl Alcohol                         |                             |               | Assorted                             | Yes                        | Adequate             |
| l.    | Potassium Iodide                      |                             |               | Assorted                             | Yes                        | Adequate             |
| m.    | Xylol/pure xylene (slide preparation) |                             |               | Assorted                             | Yes                        | Adequate             |

Dean/ Principal Stamp & Signature

  
PRINCIPAL

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**(E) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR ROCCO GYANLABORATORY**

| S.No.            | Equipment and Instruments                        | Up to Sixty intake capacity | Sixty-one to Hundred intake capacity | Details on College Website | Adequate/ Inadequate |
|------------------|--|-----------------------------|--------------------------------------|----------------------------|----------------------|
| <b>Essential</b> |  |                             |                                      |                            |                      |
| 1.               | Binocular microscope                             | Fifteen                     | Twenty five                          | Yes                        | Adequate             |
| 2.               | Microscope with oil immersion                    | Fifteen                     | Twenty five                          | Yes                        | Adequate             |
| 3.               | Monocular microscope with oil emersion lens20(e) | Fifteen                     | Twenty five                          | Yes                        | Adequate             |
| 4.               | X-ray view box                                   | One                         | One                                  | Yes                        | Adequate             |
| 5.               | Sahl's Square tube                               | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 6.               | Hb pipette                                       | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 7.               | W/B/C Pipette                                    | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 8.               | Dropper  | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 9.               | Red cell pipette                                 | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 10.              | Improved Neubauer chamber                        | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 11.              | Incubator  | One                         | Two                                  | Yes                        | Adequate             |
| 12.              | Wintrobe's tube                                  | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 13.              | Pasteur's pipette                                | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 14.              | Centrifuge Graduated Machine                     | One                         | Two                                  | Yes                        | Adequate             |
| 15.              | Westergrens pipette                              | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 16.              | Westergrens's stand                              | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 17.              | Urinometer                                       | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 18.              | Autoclave  | One                         | One                                  | Yes                        | Adequate             |
| 19.              | Ultraviolet lamp                                 | One                         | One                                  | Yes                        | Adequate             |
| 20.              | Cell counter (haemoautanalyser)                  | One                         | One                                  | Yes                        | Adequate             |
| 21.              | BP Apparatus                                     | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 22.              | Stethoscope                                      | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 23.              | Thermometer                                      | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 24.              | Tongue depressor                                 | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 25.              | Stop watch                                       | Thirty                      | Fifty                                | Yes                        | Adequate             |
| <b>General</b>   |  |                             |                                      |                            |                      |
| 26.              | Physical balance                                 | One                         | One                                  | Yes                        | Adequate             |
| 27.              | Hot air oven                                     | One                         | One                                  | Yes                        | Adequate             |
| 28.              | Bunsen burner                                    | Thirty                      | Fifty                                | Yes                        | Adequate             |
| 29.              | Refrigerator                                     | One                         | One                                  | Yes                        | Adequate             |



|     |   |          |          |     |          |
|-----|---|----------|----------|-----|----------|
| 30. | Sterile vessels/bottle to collect samples               | Assorted | Assorted | Yes | Adequate |
| 31. | Torch   | Assorted | Assorted | Yes | Adequate |
| 32. | Knee hammer   | Assorted | Assorted | Yes | Adequate |
| 33. | Measuring Tape  | Assorted | Assorted | Yes | Adequate |
| 34. | ENT examination set                                     | Assorted | Assorted | Yes | Adequate |
| 35. | Reflectors(Mirrors)                                     | Assorted | Assorted | Yes | Adequate |
| 36. | Weighing machine  | One      | One      | Yes | Adequate |
| 37. | Tuning Forks  | Assorted | Assorted | Yes | Adequate |
| 38. | Nasal speculum  | Assorted | Assorted | Yes | Adequate |
| 39. | Laryngoscope  | Assorted | Assorted | Yes | Adequate |
| 40. | Catheters   | Assorted | Assorted | Yes | Adequate |
| 41. | Probes  | Assorted | Assorted | Yes | Adequate |
| 42. | HBs Ag kit  | Assorted | Assorted | Yes | Adequate |
| 43. | HIV kit - Tridot (method by T Mitra)                    | Assorted | Assorted | Yes | Adequate |
| 44. | CT and BT kit   | Assorted | Assorted | Yes | Adequate |
| 45. | Renal profile, LET kit, Lipid profile, Blood, Sugar kit | Assorted | Assorted | Yes | Adequate |
| 46. | Sterile disposable lancet/needle                        | Assorted | Assorted | Yes | Adequate |
| 47. | Glass rod   | Assorted | Assorted | Yes | Adequate |
| 48. | Syringe needle destroyer                                | Assorted | Assorted | Yes | Adequate |
| 49. | Cover slip  | Assorted | Assorted | Yes | Adequate |
| 50. | Cleaned slides  | Assorted | Assorted | Yes | Adequate |
| 51. | Litmus paper  | Assorted | Assorted | Yes | Adequate |
| 52. | pH indicator paper strips                               | Assorted | Assorted | Yes | Adequate |
| 53. | Test tube   | Assorted | Assorted | Yes | Adequate |
| 54. | Separating funnels of various sizes                     | Assorted | Assorted | Yes | Adequate |
| 55. | Glass Jars with lid of different sizes                  | Assorted | Assorted | Yes | Adequate |
| 56. | Capillary Tubes   | Assorted | Assorted | Yes | Adequate |
| 57. | Rubber sheat  | Assorted | Assorted | Yes | Adequate |
| 58. | Magnifying lens   | Assorted | Assorted | Yes | Adequate |
| 59. | Water bath  | Assorted | Assorted | Yes | Adequate |
| 60. | Multi six   | Assorted | Assorted | Yes | Adequate |

Dean/ Principal Stamp & Signature

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Tal: Shirpur, Dist: Dhule 425 478

**(F) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR LABOUR ROOM**

| S.No. | Equipment and Instruments  | Required Quantity | Details on College Website | Adequate/<br>Inadequate |
|-------|--|-------------------|----------------------------|-------------------------|
|       | <b>Essential</b>   |                   |                            |                         |
| 1.    | Shadowless Lamp  | One               | Yes                        | Adequate                |
| 2.    | Suction Machine (Neonatal)   | One               | Yes                        | Adequate                |
| 3.    | Oxygen Cylinder and Mask   | One               | Yes                        | Adequate                |
| 4.    | Foetal Toco Cardiograph  | One               | Yes                        | Adequate                |
| 5.    | Radiant Warmer   | One               | Yes                        | Adequate                |
| 6.    | Photo therapy Unit   | One               | Yes                        | Adequate                |
| 7.    | Weighing Machine (Paediatric)  | One               | Yes                        | Adequate                |
| 8.    | Patient trolley  | One               | Yes                        | Adequate                |
| 9.    | Anaesthesia trolley  | Two               | Yes                        | Adequate                |
| 10.   | Infantometer   | One               | Yes                        | Adequate                |
| 11.   | Vacuum extractor   | One               | Yes                        | Adequate                |
| 12.   | Foetal Doppler   | One               | Yes                        | Adequate                |
| 13.   | Low cavity forceps   | One               | Yes                        | Adequate                |
| 14.   | Steriliser   | Two               | Yes                        | Adequate                |
| 15.   | Machintosh rubber sheet  | Two               | Yes                        | Adequate                |
| 16.   | Instruments for labour and Episiotomy.<br>(Scissors, forceps, needle holders etc.) | Assorted          | Yes                        | Adequate                |
| 17.   | Baby tray  | Two               | Yes                        | Adequate                |
| 18.   | Nebuliser  | One               | Yes                        | Adequate                |
| 19.   | Foetoscope   | Five              | Yes                        | Adequate                |
| 20.   | Auto Clave   | One               | Yes                        | Adequate                |
| 21.   | Drums  | Assorted          | Yes                        | Adequate                |
| 22.   | Instrumental Trolley   | Assorted          | Yes                        | Adequate                |
| 23.   | OT tables and head Up and head Low facility  | One               | Yes                        | Adequate                |
| 24.   | Pulse Oximeter   | One               | Yes                        | Adequate                |
| 25.   | Resuscitation kit  | One               | Yes                        | Adequate                |
| 26.   | Boyle's apparatus  | One               | Yes                        | Adequate                |
| 27.   | Electrocautery   | One               | Yes                        | Adequate                |
| 28.   | MTP Suction Machine  | One               | Yes                        | Adequate                |
| 29.   | Anaesthesia Kit  | One               | Yes                        | Adequate                |
| 30.   | Blunt and Sharp Curettes   | Ten               | Yes                        | Adequate                |
| 31.   | Dilators set (Hegar's, Hawkins)  | Five              | Yes                        | Adequate                |



|                      |  |          |     |          |
|----------------------|--|----------|-----|----------|
| 33.                  | Cusco's Speculum                           | Five     | Yes | Adequate |
| 34.                  | Anterior Vaginal Wall retractor            | Five     | Yes | Adequate |
| 35.                  | Uterine sound                              | Five     | Yes | Adequate |
| 36.                  | Volsellum                                  | Five     | Yes | Adequate |
| 37.                  | MTP Suction Currate                        | Five     | Yes | Adequate |
| 38.                  | Retractors abdominal (Doyme's etc.)        | Five     | Yes | Adequate |
| 39.                  | Sponge holding forceps                     | Five     | Yes | Adequate |
| 40.                  | Green armytage forceps                     | Five     | Yes | Adequate |
| 41.                  | Uterus holding forceps                     | Five     | Yes | Adequate |
| 42.                  | Kocher's forceps                           | Five     | Yes | Adequate |
| 43.                  | Artery forceps (Long, short, Mosquito)Each | Five     | Yes | Adequate |
| 44.                  | Scissors- different sizes                  | Five     | Yes | Adequate |
| 45.                  | Forceps obstetrics                         | Five     | Yes | Adequate |
| 46.                  | Endotrachial tubes                         | Five     | Yes | Adequate |
| 47.                  | Cord Cutting appliances                    | Five     | Yes | Adequate |
| 48.                  | I.U.C.D. removing hook                     | Five     | Yes | Adequate |
| 49.                  | Bladder Sound                              | Five     | Yes | Adequate |
| 50.                  | B.P. apparatus                             | Two      | Yes | Adequate |
| <b>Miscellaneous</b> |  |          |     |          |
| 51.                  | HIV kit for emergency patients             | Assorted | Yes | Adequate |
| 52.                  | Plain and Hole towels                      | Assorted | Yes | Adequate |
| 53.                  | Towel Clips                                | Assorted | Yes | Adequate |
| 54.                  | Catguts and Thread                         | Assorted | Yes | Adequate |
| 55.                  | Needles                                    | Assorted | Yes | Adequate |
| 56.                  | Needle holders                             | Assorted | Yes | Adequate |

  
**Dean/ Principal Stamp & Signature**  
**PRINCIPAL**  
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 Ayurved College, Boradi,  
 Tal. Shirpur, Dist. Dhule 425 428

**(G) DETAILS OF EQUIPMENT AND INSTRUMENTS REQUIRED FOR OPERATION THEATRE**

| S.No. | Equipment and Instruments                  | Required Quantity | Details on College Website | Adequate/ Inadequate |
|-------|--|-------------------|----------------------------|----------------------|
| 1     | Shalva:                                    |                   |                            |                      |
|       | <b>Essential</b>                           |                   |                            |                      |
| 1.    | Spot light (Shadow less ceiling fitted)    | One               | Yes                        | Adequate             |
| 2.    | Needle holding Forceps (big- medium-small) | Assorted          | Yes                        | Adequate             |
| 3.    | Dressing drums of Assorted size            | Assorted          | Yes                        | Adequate             |
| 4.    | Drum stand                                 | Assorted          | Yes                        | Adequate             |
| 5.    | IV Stand                                   | Two               | Yes                        | Adequate             |
| 6.    | Cheates Forceps                            | Four              | Yes                        | Adequate             |
| 7.    | Mosquito forceps                           | Four              | Yes                        | Adequate             |
| 8.    | Scissors straight (Tailor)                 | Four              | Yes                        | Adequate             |
| 9.    | Scissors curved of different sizes         | Five each         | Yes                        | Adequate             |
| 10.   | Stitch removal scissors                    | Five each         | Yes                        | Adequate             |
| 11.   | Dissection forceps                         | Four              | Yes                        | Adequate             |
| 12.   | Sinus Forceps                              | Four              | Yes                        | Adequate             |
| 13.   | Probes - Assorted size                     | Five each         | Yes                        | Adequate             |
| 14.   | Pointed scissors                           | Four              | Yes                        | Adequate             |
| 15.   | Abdominal Retractors                       | Five              | Yes                        | Adequate             |
| 16.   | Tissue Forceps                             | Five              | Yes                        | Adequate             |
| 17.   | Bob Kock's Forceps                         | Five              | Yes                        | Adequate             |
| 18.   | Kocher's Forceps                           | Five              | Yes                        | Adequate             |
| 19.   | Urethral Dilators                          | Five each         | Yes                        | Adequate             |
| 20.   | Metal Catheters                            | Five each         | Yes                        | Adequate             |
| 21.   | Sponge holding forceps                     | Four              | Yes                        | Adequate             |
| 22.   | Right Angle cholecystectomy Forceps        | Four              | Yes                        | Adequate             |
| 23.   | Stone holding forceps                      | Four              | Yes                        | Adequate             |
| 24.   | Allies Forceps small                       | Four              | Yes                        | Adequate             |
| 25.   | Allies Forceps Big                         | Four              | Yes                        | Adequate             |
| 26.   | Artery Forceps small                       | Four              | Yes                        | Adequate             |
| 27.   | Artery Forceps big                         | Four              | Yes                        | Adequate             |
| 28.   | Artery Forceps Medium                      | Four              | Yes                        | Adequate             |
| 29.   | Sigmoidoscope Rigid/flexible               | One               | Yes                        | Adequate             |
| 30.   | Barron Pile's Gun                          | Two               | Yes                        | Adequate             |
| 31.   | Laryngoscope Pediatric/Adult               | One               | Yes                        | Adequate             |
| 32.   | Boyles Apparatus                           | One               | Yes                        | Adequate             |
| 33.   | Multi-parameter Monitor                    | One               | Yes                        | Adequate             |



|           |   |          |     |          |          |
|-----------|---|----------|-----|----------|----------|
| 35.       | Suction machine Electrical  | Annual   | One | Yes      | Adequate |
| 36.       | Skin grafting knife with handle   | Assorted | Yes | Adequate |          |
| 37.       | Surgical blades of different size   | Assorted | Yes | Adequate |          |
| 38.       | Self-Retaining Retractor  | Assorted | Yes | Adequate |          |
| 39.       | Bone cutter   | Assorted | Yes | Adequate |          |
| 40.       | Gigli Saw   | Two      | Yes | Adequate |          |
| 41.       | Scoop   | Two      | Yes | Adequate |          |
| 42.       | Periosteum elevator   | Assorted | Yes | Adequate |          |
| 43.       | Maggies Forceps   | Two      | Yes | Adequate |          |
| 44.       | High Pressure Autoclave   | Assorted | Yes | Adequate |          |
| 45.       | Nitrous Oxide Cylinder  | One      | Yes | Adequate |          |
| 46.       | Hydraulic Operation Table   | One      | Yes | Adequate |          |
| 47.       | Boyle's Apparatus   | One      | No  | Adequate |          |
| 48.       | Instrument Trolley  | One      | Yes | Adequate |          |
| 49.       | Endotracheal Tube   | Assorted | Yes | Adequate |          |
| 50.       | Proctoscope with or without illumination                                    | Assorted | Yes | Adequate |          |
| 51.       | Gabrial Syringe   | Two      | Yes | Adequate |          |
| 52.       | Stretcher with trolley  | One      | Yes | Adequate |          |
| 53.       | Suction Machine   | Two      | Yes | Adequate |          |
|           |   | Assorted | Yes | Adequate |          |
|           | <b>General</b>  |          |     |          |          |
| 54.       | Emergency power back up facility  | Assorted | Yes | Adequate |          |
| 55.       | Emergency light   | Four     | Yes | Adequate |          |
| 56.       | Fire Extinguisher   | Two      | Yes | Adequate |          |
| 57.       | BP Apparatus  | Assorted | Yes | Adequate |          |
| 58.       | Fumigator   | One      | Yes | Adequate |          |
| 59.       | Refrigerator  | One      | Yes | Adequate |          |
| 60.       | X-ray View Box (double)   | One      | Yes | Adequate |          |
| 61.       | Revolving Stool   | Two      | Yes | Adequate |          |
| 62.       | Vertical BP Instrument  | Assorted | Yes | Adequate |          |
| 63.       | Rubber catheters of Assorted size   | One      | Yes | Adequate |          |
|           |   | Assorted | Yes | Adequate |          |
|           | <b>Miscellaneous</b>  |          |     |          |          |
| 64.       | Corrugated rubber drain   | Assorted | Yes | Adequate |          |
| 65.       | Suturing Needle (straight/curved) of Assorted size                          | Assorted | Yes | Adequate |          |
| 66.       | Surgical Thread   | Assorted | Yes | Adequate |          |
| 67.       | BP Handle of different size   | Assorted | Yes | Adequate |          |
| 68.       | Needle holder   | Assorted | Yes | Adequate |          |
|           |   | Assorted | Yes | Adequate |          |
| <b>II</b> | <b>Shalakyra: Ophthalmic Equipment or Instruments for Operative Surgery</b> |          |     |          |          |
|           | <b>Essential</b>  |          |     |          |          |

|      |  |          |     |          |
|------|--|----------|-----|----------|
| 70.  | Sterilizing box/case with mixer                | Assorted | Yes | Adequate |
| 71.  | Lens insertion Forceps                         | Assorted | Yes | Adequate |
| 72.  | Keratome                                       | Assorted | Yes | Adequate |
| 73.  | Desmarres lid retractors                       | Assorted | Yes | Adequate |
| 74.  | Cat-paw lacrimal retractor                     | Assorted | Yes | Adequate |
| 75.  | Mueller lacrimal sac retractor                 | Assorted | Yes | Adequate |
| 76.  | Dastoor iris retractor                         | Assorted | Yes | Adequate |
| 77.  | Meyrhoefer Chalazioncurette                    | Assorted | Yes | Adequate |
| 78.  | Sinsky lens manipulating hook                  | Assorted | Yes | Adequate |
| 79.  | IOL Manipulator                                | Assorted | Yes | Adequate |
| 80.  | Foreign body spud                              | Assorted | Yes | Adequate |
| 81.  | Lewis lens loop (veetis)                       | Assorted | Yes | Adequate |
| 82.  | Cystotome and spoon                            | Assorted | Yes | Adequate |
| 83.  | Mule Evisceration spoon                        | Assorted | Yes | Adequate |
| 84.  | Iris repository, (double-ended)                | Assorted | Yes | Adequate |
| 85.  | Jamerson muscle hook                           | Assorted | Yes | Adequate |
| 86.  | Wills cautery with copper ball-point           | Assorted | Yes | Adequate |
| 87.  | Langs lacrimal sac dissector                   | Assorted | Yes | Adequate |
| 88.  | Kelly Glaucoma punch                           | Assorted | Yes | Adequate |
| 89.  | Elevator (double ended)                        | Assorted | Yes | Adequate |
| 90.  | Nasal speculum adult/child                     | Assorted | Yes | Adequate |
| 91.  | Wilder punctum Dilator                         | Assorted | Yes | Adequate |
| 92.  | Bowman lacrimal probes                         | Assorted | Yes | Adequate |
| 93.  | Hartman mosquito forceps                       | Assorted | Yes | Adequate |
| 94.  | Colibri forceps 1*2 teeth                      | Assorted | Yes | Adequate |
| 95.  | Mc. person corneal forceps with tying platform | Assorted | Yes | Adequate |
| 96.  | Dressing forceps, serrated                     | Assorted | Yes | Adequate |
| 97.  | Moorfieldconjunctival forceps                  | Assorted | Yes | Adequate |
| 98.  | Fixation forceps                               | Assorted | Yes | Adequate |
| 99.  | Beer cilia (epilation) forceps                 | Assorted | Yes | Adequate |
| 100. | Arruga capsular forceps                        | Assorted | Yes | Adequate |
| 101. | Snellen Entropion clamp                        | Assorted | Yes | Adequate |
| 102. | Chalazion clamps                               | Assorted | Yes | Adequate |
| 103. | Vannas straight scissors                       | Assorted | Yes | Adequate |
| 104. | Barraguer needle holder                        | Assorted | Yes | Adequate |
| 105. | Air injection cannula                          | Assorted | Yes | Adequate |
| 106. | Healon aspirating cannula                      | Assorted | Yes | Adequate |
| 107. | AC washout cannula                             | Assorted | Yes | Adequate |
| 108. | Lacrimal cannula                               | Assorted | Yes | Adequate |
| 109. | Hydrodialysis cannula                          | Assorted | Yes | Adequate |



|                      |   |          |     |          |
|----------------------|---|----------|-----|----------|
| 111.                 | Simcock direct I/A cannula with silicon tubing                          | Assorted | Yes | Adequate |
| 112.                 | Irrigating aspirating handle  | Assorted | Yes | Adequate |
| 113.                 | Lens dialer   | Assorted | Yes | Adequate |
| 114.                 | Superior Rectus forceps   | Assorted | Yes | Adequate |
| 115.                 | Eye wash glasses (for Tarpana Karma)                                    | Assorted | Yes | Adequate |
| 116.                 | Swimming Goggles (for Tarpana Karma)                                    | Assorted | Yes | Adequate |
| III                  | <b>ENT-Surgical or Operative Procedural Instruments</b>                 |          |     |          |
| <b>Essential</b>     |   |          |     |          |
| 117.                 | Aural Syringe   | Assorted | Yes | Adequate |
| 118.                 | Jobson's Aural Probe  | Assorted | Yes | Adequate |
| 119.                 | Eustachian Catheter   | Assorted | Yes | Adequate |
| 120.                 | Mastoid Retractor   | Assorted | Yes | Adequate |
| 121.                 | Mastoid Gouge   | Assorted | Yes | Adequate |
| 122.                 | Mallet  | Assorted | Yes | Adequate |
| 123.                 | Nasal Foreign Body hook   | Assorted | Yes | Adequate |
| 124.                 | Nasal packing forceps   | Assorted | Yes | Adequate |
| 125.                 | Nasal Snare   | Assorted | Yes | Adequate |
| 126.                 | Bayonet Shaped gouge  | Assorted | Yes | Adequate |
| 127.                 | Walsham forceps   | Assorted | Yes | Adequate |
| 128.                 | Laryngeal forceps   | Assorted | Yes | Adequate |
| 129.                 | Tongue plate with throat suction  | Assorted | Yes | Adequate |
| 130.                 | Tonsil holding forceps  | Assorted | Yes | Adequate |
| 131.                 | Tonsillar suction   | Assorted | Yes | Adequate |
| 132.                 | Adenoid curette with cage   | Assorted | Yes | Adequate |
| 133.                 | Pertonsillarabcess draining forceps                                     | Assorted | Yes | Adequate |
| 134.                 | Fuller's Tracheostomy Tube  | Assorted | Yes | Adequate |
| 135.                 | Cheatel's Forceps   | Assorted | Yes | Adequate |
| <b>Miscellaneous</b> |   |          |     |          |
| 136.                 | Other consumable articles like gloves, syringes, bandages, sutras, etc. | Assorted | Yes | Adequate |


  
**Dean/ Principal Stamp & Signature**

**PRINCIPAL**  
 Karmavir V.T.Randhir  
 Ayurved College, Boradi,  
 Tal. Shirpur, Dist. Dhule 425 428





|   |                                |   |           |          |     |          |
|---|--------------------------------|---|-----------|----------|-----|----------|
|   |                                | Torch   |           | Two      | Yes | Adequate |
|   |                                | Bull's lamp   |           | One      | Yes | Adequate |
| 4 | Prasuti and Stri Roga          |   | Essential |          |     |          |
|   |                                | Weighing machine  |           | One      | Yes | Adequate |
|   |                                | Sims's speculum   |           | Two      | Yes | Adequate |
|   |                                | Thermometer   |           | Four     | Yes | Adequate |
|   |                                | Cusco's speculum  |           | Two      | Yes | Adequate |
|   |                                | Examination Table   |           | One      | Yes | Adequate |
|   |                                | Lamp stand  |           | One      | Yes | Adequate |
|   |                                | Torch   |           | Two      | Yes | Adequate |
|   |                                | X-Ray Viewing Box   |           | One      | Yes | Adequate |
|   |                                | BP Apparatus  |           | Two      | Yes | Adequate |
|   |                                | Stethoscope   |           | Four     | Yes | Adequate |
|   |                                | Measuring tape  |           | Two      | Yes | Adequate |
| 5 | Bal Roga                       |   | Essential |          |     |          |
|   |                                | Scale   |           | One      | Yes | Adequate |
|   |                                | Weighing machine  |           | One      | Yes | Adequate |
|   |                                | Torch   |           | Two      | Yes | Adequate |
|   |                                | X-Ray View Box  |           | One      | Yes | Adequate |
|   |                                | Thermometer   |           | Four     | Yes | Adequate |
|   |                                | BP Apparatus with Pediatric cuff                            |           | Two      | Yes | Adequate |
|   |                                | Stethoscope   |           | Assorted | Yes | Adequate |
|   |                                | Examination Table   |           | Assorted | Yes | Adequate |
|   |                                | As per Kayachikitsa   |           | Assorted | Yes | Adequate |
| 6 | Panchkarma                     |   |           |          |     |          |
|   |                                | Facilities available (Equipment, Instrument, Furniture etc) |           | Assorted | Yes | Adequate |
| 7 | Yoga Section (Swasth Rakshhan) |   |           |          |     |          |
|   |                                | Facilities available (Equipment, Instrument, Furniture etc) |           | Assorted | Yes | Adequate |
| 8 | Emergency                      |   |           |          |     |          |
|   |                                | Facilities available (Equipment, Instrument, Furniture etc) |           | Assorted | Yes | Adequate |

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