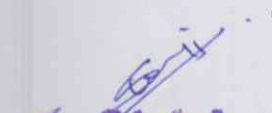


# SCHEDULE IX-A (As per MSR 2016)

\*Minimum Essential Requirements for Department of Dravyaguna

| S. No.               | Equipment and Instruments             | Up to 60 intake capacity | 61 to 100 intake capacity | Available | Deficiency |
|----------------------|---------------------------------------|--------------------------|---------------------------|-----------|------------|
| <b>Essential</b>     |                                       |                          |                           |           |            |
| 1.                   | Field magnifier                       | One                      | One                       | NA        | NA         |
| 2.                   | Compound microscope                   | One                      | One                       | NA        | NA         |
| 3.                   | Dissecting Microscope                 | One                      | One                       | NA        | NA         |
| 4.                   | Microscope                            | Fifteen                  | Twenty five               | NA        | NA         |
| 5.                   | Electronic balance                    | One                      | Two                       | NA        | NA         |
| <b>Miscellaneous</b> |                                       |                          |                           |           |            |
| 6.                   | Slides box with cover slips.          | Assorted                 | Assorted                  | NA        | NA         |
| 7.                   | Blotting/filter papers                | Assorted                 | Assorted                  | NA        | NA         |
| 8.                   | Dissection Box                        | Assorted                 | Assorted                  | NA        | NA         |
| 9.                   | Enamel Trays                          | Assorted                 | Assorted                  | NA        | NA         |
| 10.                  | <b>Reagents-</b>                      |                          |                           | NA        | NA         |
| a.                   | Chloroform                            | Assorted                 | Assorted                  | NA        | NA         |
| b.                   | Alcohol                               | Assorted                 | Assorted                  | NA        | NA         |
| c.                   | HCL                                   | Assorted                 | Assorted                  | NA        | NA         |
| d.                   | Sulphuric acid                        | Assorted                 | Assorted                  | NA        | NA         |
| e.                   | Sodium, potassium hydroxide           | Assorted                 | Assorted                  | NA        | NA         |
| f.                   | Benedict solution                     | Assorted                 | Assorted                  | NA        | NA         |
| g.                   | Sodium nitrate                        | Assorted                 | Assorted                  | NA        | NA         |
| h.                   | Potassium nitrate                     | Assorted                 | Assorted                  | NA        | NA         |
| i.                   | Citric acid                           | Assorted                 | Assorted                  | NA        | NA         |
| j.                   | Iodine                                | Assorted                 | Assorted                  | NA        | NA         |
| k.                   | Ethyl Alcohol                         | Assorted                 | Assorted                  | NA        | NA         |
| l.                   | Potassium Iodide                      | Assorted                 | Assorted                  | NA        | NA         |
| m.                   | Xylol/pure xylene (slide preparation) | Assorted                 | Assorted                  | NA        | NA         |

  
**Principal**  
 Bhartiya Education Social Charitable Trust's  
 Smt. Shantibai Otarmal Jain Ayurvedic College  
 (Vaisnavi, Tal. Rona, Dist. Raigad.)