

**Schedule -III (FOR PG)**  
**Minimum requirements for Quality Testing Laboratory**  
**(In case of PG in Dravyaguna or Rasashastra Bhaishajya Kalpana)**

| Serial number | Particulars                                                         | Available / Not Available                                                                            | Deficiency |
|---------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------|
| 1.            | Florescence inverted Microscope with software                       | Available                                                                                            |            |
| 2.            | UV-VIS Spectrophotometer                                            | Available                                                                                            |            |
| 3.            | Micro Controller Based Flame Photometer                             | Available                                                                                            |            |
| 4.            | Rota Evaporator                                                     | Available                                                                                            |            |
| 5.            | Stability Chamber                                                   | Available                                                                                            |            |
| 6.            | Freeze dryer                                                        | As per NCISM letter Ref No.3/2026/MARB/Visitation Dated 07/04/2026<br>It is not in the required list |            |
| 7.            | Trinocular Microscope with software, camera and projection facility | Available                                                                                            |            |
| 8.            | Polarimeter                                                         | Available                                                                                            |            |
| 9.            | Muffle furnace                                                      | Available                                                                                            |            |
| 10.           | Orbital Shaking Incubator                                           | Available                                                                                            |            |
| 11.           | Co 2 Incubator                                                      | Available                                                                                            |            |
| 12.           | Tablet Disintegration Apparatus                                     | Available                                                                                            |            |
| 13.           | Optic Abbe Refractometer                                            | Available                                                                                            |            |
| 14.           | Friability Test Apparatus                                           | Available                                                                                            |            |
| 15.           | Digital Melting Point Apparatus                                     | Available                                                                                            |            |
| 16.           | Laminar Air Flow                                                    | Available                                                                                            |            |
| 17.           | Water still                                                         | Available                                                                                            |            |
| 18.           | Rotary Microtome and Microtome Object Holder                        | Available                                                                                            |            |
| 19.           | Digital pH Meter                                                    | Available                                                                                            |            |
| 20.           | Moisture analyzer Balance                                           | Available                                                                                            |            |
| 21.           | Orbital Shaker                                                      | Available                                                                                            |            |
| 22.           | Mechanical Stirrer with Hot Plate                                   | Available                                                                                            |            |
| 23.           | Magnetic Stirrer                                                    | Available                                                                                            |            |
| 24.           | Dissolution Test Apparatus                                          | Available                                                                                            |            |
| 25.           | Hardness tester                                                     | Available                                                                                            |            |
| 26.           | Mohs hardness scale                                                 | Available                                                                                            |            |
| 27.           | Tablet counter-small size                                           | Available                                                                                            |            |
| 28.           | Dissolution Test Apparatus                                          | Available                                                                                            |            |
| 29.           | Bulk Density Apparatus                                              | Available                                                                                            |            |
| 30.           | Ostwald's Viscometer                                                | Available                                                                                            |            |
| 31.           | Analytical Balance Digital High precision (0.0001g - 220g)          | Available                                                                                            |            |
| 32.           | Incubator                                                           | Available                                                                                            |            |
| 33.           | Clarity test apparatus                                              | Available                                                                                            |            |
| 34.           | Humidity Control Oven                                               | Available                                                                                            |            |
| 35.           | Karlfischer Apparatus                                               | Available                                                                                            |            |
| 36.           | Sieve Shaker                                                        | Available                                                                                            |            |
| 37.           | Granulating sieve set                                               | Available                                                                                            |            |
| 38.           | Thermometers                                                        | Available                                                                                            |            |
| 39.           | Centrifuge                                                          | Available                                                                                            |            |
| 40.           | Filtration equipment                                                | Available                                                                                            |            |
| 41.           | Water bath 12 holes                                                 | Available                                                                                            |            |
| 42.           | Suction Pump                                                        | Available                                                                                            |            |



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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------|--|
| 43.                                                                                                                                                                               | Sonicator                                      | Available                                                                                                  |  |
| 44.                                                                                                                                                                               | Heating Mantle different capacity              | Available                                                                                                  |  |
| 45.                                                                                                                                                                               | Distillation Apparatus Glass (Ark Yantra)      | Available                                                                                                  |  |
| 46.                                                                                                                                                                               | Soxhlet apparatus                              | Available                                                                                                  |  |
| 47.                                                                                                                                                                               | Rheometer                                      | As per NCISM letter Ref<br>No.3/2026/MARB/Visitation<br>Dated 07/04/2026<br>It is not in the required list |  |
| 48.                                                                                                                                                                               | Nephelo Turbidity meter                        | As per NCISM letter Ref<br>No.3/2026/MARB/Visitation<br>Dated 07/04/2026<br>It is not in the required list |  |
| 49.                                                                                                                                                                               | Potentiometer                                  | Available                                                                                                  |  |
| 50.                                                                                                                                                                               | Conductivity meter                             | Available                                                                                                  |  |
| 51.                                                                                                                                                                               | Clevenger's apparatus                          | Available                                                                                                  |  |
| 52.                                                                                                                                                                               | Glass ware, reagents and chemicals as required | Available                                                                                                  |  |
| Note :- In case of Postgraduate departments in existing undergraduate college, the instruments or equipment or facilities other than specified in MES-UG shall be made available. |                                                |                                                                                                            |  |

