

## List of laboratory instrument

### Advance level institutional Biotech Hub, Arya Vidyapeeth College (A)

| Sl. No. | Name of the equipments                           |          |
|---------|--------------------------------------------------|----------|
| 1.      | Double Distillation Water Plant                  | Phase-I  |
| 2.      | Vertical Autoclave                               |          |
| 3.      | Electronic Micro Balance                         |          |
| 4.      | Laminar Air Flow                                 |          |
| 5.      | Hot Air Oven                                     |          |
| 6.      | Vortex Shaker                                    |          |
| 7.      | Refrigerated Centrifuge                          |          |
| 8.      | Single Channel adjustable micropipette-4 nos.    |          |
| 9.      | Water bath incubator shaker                      |          |
| 10.     | Magnetic Stirrer                                 |          |
| 11.     | Refrigerator                                     |          |
| 12.     | Microwave oven                                   |          |
| 13.     | Window A/C + Stabilizer +Starter – 2 each        |          |
| 14.     | Mini PROTEAN Tetra cell                          |          |
| 15.     | Mini –sub Cell GT system                         |          |
| 16.     | Power pack basic                                 |          |
| 17.     | MJ Mini Personal Thermal Cycler                  |          |
| 18.     | Gel- Doc EZ System 1 KVA                         |          |
| 19.     | UPS with standard backup                         |          |
| 20.     | UV – VIS Spectrophotometer Dual Beam             |          |
| 21.     | Single Door upright freezer and 2 KVA stabilizer |          |
| 22.     | Water bath incubator 11 ltr                      |          |
| 23.     | Prima 96 Thermal Cycler and 1 KVA                |          |
| 24.     | Microscope + Trinocular head+ adapter            |          |
| 25.     | 20+10 KVA UPS                                    |          |
| 26.     | Digital colony counter                           |          |
| 27.     | ELISA reader                                     |          |
| 28.     | Semi-automated biochemistry analyzer             |          |
| 29.     | pH meter                                         |          |
| 30.     | Orbital Shaker Incubator                         |          |
| 31.     | Computer with printer                            |          |
| 32.     | Soil and water analyzer                          |          |
| 33.     | Autoclave                                        |          |
| 34.     | Digital pH meter                                 |          |
| 35.     | Gel Electrophoresis Unit                         |          |
| 36.     | Paraffin Embedding Bath                          |          |
| 37.     | Microtome                                        |          |
| 38.     | Analytical Balance                               |          |
| 39.     | Soxhlet Extraction Unit                          | Phase-II |
| 40.     | Ostwald Viscometer                               |          |
| 41.     | Hot plate                                        |          |
| 42.     | Fluorescence Microscope                          |          |
| 43.     | Micropipette                                     |          |
| 44.     | Heating Mantle                                   |          |

|            |                          |  |
|------------|--------------------------|--|
| <b>45.</b> | Capacity door Centrifuge |  |
| <b>46.</b> | LCD Projector            |  |