

Report -Modernization of Labs

BIOLOGY

Details of instrument received by Vidyalaya

1. Biology model set- item 36 (1)- to study anatomical structure of different internal organ
2. Biology experimental kit
 - 2.1. Biology experimental kit with Data logging – item 37(1)
 - 2.2. Biology experimental kit with Data logging accessories- item 38 (1)
3. pH Meter hand held- item 39(1)
4. Digital Zoom Stereo Microscope – item 40 (1)
5. Hand Held Digital Microscope –item 41(1)

Biology experimental kit has Einstein tablet along with its accessories provides an engaging science learning experience, collaborative learning that unifies sensor based experiments, interactive multimedia activities and user friendly analysis.



Digital zoom microscope provides a real 3-D image or stereo image used to study the surfaces of solid specimens or to carry out close dissections. The zoom knob on a stereo microscope provides magnification within a large range. This is mainly used to observe root tip meristem, leaf vein.



Hand held digital microscope

This is an easy to use low power microscope with a 5.0 MP sensor for capturing photos, videos, recording it in pc. An adjustable LED illuminator ensures specimens are clear and bright, stand allows for steady shots even at high magnification. 5-Element IR cut high quality glass lens ensures sharper images. 4 Foot USB 2.0 cable for easy maneuverability when viewing large surfaces.