

Practical Exposure in Laboratories

Government Science College, Vankal, provides extensive practical exposure to students through well-equipped laboratories across various departments. The college is committed to enhancing the hands-on learning experience, allowing students to engage deeply with their scientific studies. Each department is furnished with sophisticated instruments essential for conducting experiments and research, ensuring that students gain valuable practical skills.

The laboratories, including Chemistry, Botany, Microbiology, Zoology, and Physics, are equipped with a wide range of major equipment's and facilities. This comprehensive setup not only supports the academic curriculum but also prepares students for future scientific endeavors. By offering access to such advanced tools, the college fosters a robust learning environment that bridges the gap between theoretical knowledge and practical application.

❖ List of the Major Equipment's Available in the College

Department	Major Equipment/Facilities
Chemistry	PH Meter, Conductometer, Refractometer, Weigh Balance, Oven, Potentiometer, Digital Polarimeter, Fume Hood
Botany	Incubator with Shaker, Hot Air Oven, Laminar Air Flow, Inverted Microscope, CO ₂ Incubator, Gel Electrophoresis
Microbiology	Microscope with Light and Dark Field Setup, Laminar Air Flow, BOD Incubator, Refrigerated Centrifuge, Environmental Shaker, Horizontal Autoclave, Electrophoresis Unit & Transilluminator
Zoology	Biosafety Cabinet, Vertical Autoclave, Binocular and Telescope, DSLR Camera, Water Bath, Inverted Microscope, Cooling Centrifuge, Electrophoresis Kit
Physics	Multiple DC Power Supply, Spectrometer, Digital Multimeter, Newton's Ring Apparatus, CRO, Telescope, Ballistic Galvanometer



1. Laboratory of Chemistry Department



2. Laboratory of Botany Department



3 Laboratory of Microbiology Department



4 Laboratory of Zoology Department



5 Laboratory of Physics Department



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