

PM SHRI KENDRIYA VIDYALAYA, DAPPAR

PHYSICS LAB



Physics labs play a crucial role in the study and application of physics principles. These laboratories serve several essential purposes in both educational and research settings, providing hands-on experiences that complement theoretical knowledge with practical skills and insights.

Firstly, physics labs offer a controlled environment where students can conduct experiments to verify and observe physical phenomena described in textbooks. This practical approach helps in bridging the gap between theory and real-world applications, enhancing understanding and retention of concepts.

Secondly, physics labs cultivate critical thinking and problem-solving skills. Students are often tasked with designing experiments, analyzing data, and drawing conclusions based on their observations. This process encourages them to think analytically, make hypotheses, and troubleshoot experimental setups, thereby fostering a deeper understanding of scientific methodology and principles.

In conclusion, physics labs are indispensable for both learning and advancing scientific knowledge. They serve as hubs for discovery, experimentation, and learning, equipping students and researchers alike with the skills and understanding necessary to tackle complex challenges and push the boundaries of what we know about the physical world. Thus, the importance of physics labs extends far beyond the classroom, shaping the future of science and technology.

CHEMISTRY LAB



The PM SHRI KV Dappar Chemistry Laboratory stands as a paragon of modern scientific education and research. Fully equipped with the latest infrastructure and advanced equipment, this facility is designed to offer an unparalleled educational experience. Our commitment to safety, precision, and the true spirit of scientific inquiry ensures that every practical session conducted here is both enlightening and inspiring.

BIOLOGY LAB



Biology lab of PM SHRI KV Dappar is having specialized spaces designed for scientific research and education. Here are some key characteristics:

1. Safety Equipment like fire extinguishers, first aid kits.
2. Laboratory Furniture- lab chairs, and storage cabinets for chemicals and equipment.
3. Lab Instruments: Microscopes.
4. Glassware: Beakers, flasks, petri dishes, test tubes, slides,
5. Reagents and Chemicals-A variety of chemicals and solutions for experiments, stored according to safety guidelines.
6. Specimens and Models- Biological specimens (plants, animals, microorganisms) and anatomical models for study .
7. Computers with software for data analysis, modeling, and documentation.