

## Innovative Science Laboratory Setup



### MAKE - AK LABS

A complete Innovative Science Laboratory Setup designed for schools to promote experiential, inquiry-based, and STEM learning. The laboratory integrates Physics, Chemistry, Biology, Robotics, AI, IoT, and modern scientific teaching aids with modular furniture and advanced laboratory equipment to create an engaging and future-ready learning environment.

### LAB SOLUTION SPECIFICATION

|                    |                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------|
| Suitable For       | Schools & Educational Institutions                                                         |
| Laboratory Type    | Complete Innovative Science Laboratory Setup                                               |
| Learning Areas     | Physics, Chemistry, Biology, STEM, Robotics, AI & IoT                                      |
| Furniture          | Modular Workstations with Storage Cabinets                                                 |
| Equipment Included | Science Apparatus, Microscopes, STEM Kits, Robotics Kits & Smart Learning Tools            |
| Safety Features    | Electrical Safety, Chemical Storage, First Aid Compatibility & Fire Extinguisher Provision |
| Customization      | Layout, Furniture & Equipment as per School Requirements                                   |

### LAB SOLUTION DETAILS

The **Innovative Science Laboratory Setup** is a next-generation learning solution designed to transform traditional science education into an interactive and technology-driven experience. Developed for schools, this laboratory combines practical science education with innovation, creativity, and STEM-based learning to help students develop

scientific thinking, analytical skills, and problem-solving abilities.

The laboratory features modular workstations, teacher demonstration tables, laboratory storage, digital learning tools, scientific models, laboratory instruments, microscopes, experimental kits, robotics components, AI and IoT learning modules, electronics kits, STEM equipment, and smart teaching aids. The integrated setup enables students to perform experiments across Physics, Chemistry, Biology, Environmental Science, Robotics, and emerging technologies within a single collaborative learning space.

Designed with flexibility and safety in mind, the laboratory can be customized according to available space, student strength, curriculum requirements, and institutional objectives.

Whether establishing a new science innovation center or upgrading an existing laboratory, this comprehensive solution provides a modern ecosystem that encourages exploration, experimentation, and innovation.