

Innovative STEAM Lab Setup



MAKE - AK LABS

A complete Innovative STEAM Laboratory Setup designed for schools to foster creativity, innovation, and interdisciplinary learning. The laboratory integrates Science, Technology, Engineering, Arts, and Mathematics (STEAM) through hands-on experiments, robotics, coding, design thinking, AI, IoT, 3D printing, and maker-space activities in a collaborative learning environment.

LAB SOLUTION SPECIFICATION

Suitable For	Schools & Educational Institutions
Laboratory Type	Complete Innovative STEAM Laboratory Setup
Learning Areas	Science, Technology, Engineering, Arts & Mathematics (STEAM)
Furniture	Modular Workstations with Storage Cabinets
Equipment Included	Robotics Kits, AI & IoT Modules, 3D Printer, Electronics Kits, STEM Models & Creative Design Tools
Safety Features	Electrical Safety, Secure Tool Storage, First Aid Compatibility & Fire Extinguisher Provision
Customization	Layout, Furniture & Equipment as per School Requirements

LAB SOLUTION DETAILS

The **Innovative STEAM Laboratory Setup** is a future-ready educational solution that combines **Science, Technology, Engineering, Arts, and Mathematics (STEAM)** into a

single integrated learning space. Designed for schools, the laboratory promotes experiential learning, critical thinking, creativity, innovation, and real-world problem-solving through project-based activities.

The laboratory features modular workstations, teacher demonstration tables, storage cabinets, robotics kits, coding platforms, AI and IoT learning modules, electronics kits, 3D printing solutions, engineering models, mathematical teaching aids, scientific instruments, art and design tools, maker-space equipment, and digital learning resources. Students can design, build, test, and innovate while developing technical and creative skills essential for the future workforce.

The laboratory is fully customizable according to available space, student capacity, curriculum requirements, and institutional objectives. Whether establishing a new STEAM Innovation Lab or upgrading an existing STEM facility, this comprehensive solution creates an engaging, technology-enabled environment that inspires curiosity, collaboration, and innovation.