STEM LEARNING KITS PORTFOLIO

From Grade 5 to Engineering

Electronics | Electrical | IoT | AI | Cyber Security | Robotics

EMPOWERING STUDENTS THROUGH HANDS-ON LEARNING

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Why Choose Our Kits

- **Age-appropriate and curriculum-aligned**
- **Build-it-yourself, experiment-driven approach**
- **QR-enabled digital manuals & video tutorials**
- **Designed for classrooms, labs & workshops**
- **Certificate on successful completion**

Education-Level Kit Portfolio

School Level (Grade 5 – 8)
Focus: Fundamentals, curiosity & exploration
- STEM Exploration Kit
- Basic Electronics & Circuits Kit
- Solar & Renewable Energy Kit
- Introductory Robotics Kit

Secondary Level (Grade 9 – 10)
Focus: Concept application & problem-solving
- Arduino Beginner Kit
- Sensors & Automation Kit
- IoT Fundamentals Kit
- Electrical Safety & Circuits Kit

Higher Secondary / Diploma
Focus: Applied engineering concepts
- Embedded Systems Kit
- IoT Intermediate Kit
- AI Basics with Python Kit
- Networking & Cyber Awareness Kit

STEM & Innovation Kits (Kids Focused)
- STEM Exploration & Discovery Kit
- Basic Science Experiments Kit
- Fun Electronics & Circuits Kit
- Introductory Robotics & Coding Kit

Electronics & ENTC
- Embedded Systems & Microcontroller Kit
- PCB Design, Fabrication & Testing Kit
- Communication Systems Project Kit

Electrical Engineering
- Power Electronics & Drives Kit
- Motor Control & Industrial Automation Kit
- Solar Energy & Inverter Systems Kit

Internet of Things (IoT)
- Smart Home Automation Kit
- Industrial IoT & Sensor Networks Kit
- Cloud-Integrated IoT Project Kit

Artificial Intelligence / Machine Learning
- AI Starter Kit (Python-based)
- Machine Learning Applications Kit
- Computer Vision & Image Processing Kit

Cyber Security
- Ethical Hacking & Cyber Awareness Kit
- Network Security & Firewall Configuration Kit
- SOC, SIEM & Incident Response Practice Kit

What Each Kit Includes

- Hardware components & accessories
- Pre-tested modules and boards
- manual & learning videos
- Step-by-step experiments & projects
- Certificate of Completion

Customization & Institutional Support

- Kits customized as per syllabus or lab requirements
- Bulk supply for schools, colleges & universities
- Faculty enablement & training workshops
- Lab setup and curriculum integration support

Use Cases

- Academic laboratories
- ATL & Innovation Labs
- Skill development programs
- Workshops, bootcamps & competitions
- Mini & final-year projects