



# TINKER ORBITS

## (Extended PBL Box)

### Order Code - STEM-005

Tinker Orbits extended Project based kit offer students to create 12 unique projects around the the concepts of AI like Smart Home, Smart Irrigation System, Railway Crossing, Smart dustbin etc.

#### LEARNING OUTCOMES

1. Ability to Formulate Problem and Solutions
2. Analytical & Critical Thinking
3. Creative & Innovative Programming Skills
4. Concepts of Electronics, Logics Gates & Awareness about SDGs

#### PRODUCT FEATURES

1. Simple in Assembling/Disassembling.
2. Attractive Design.
3. Double-Layer Structure, Mauch of Mounting Holes, Enough Space.
4. Ideal for DIY Platform.
5. SDG Goal Mapped Projects.

#### TECHNICAL SPECIFICATION

1. Printed Board Cut Out
2. Thickness: 3-4mm

#### DIA KITS ACTIVITY

1. Solar Tracker
2. Railway Crossing
3. Automatic Pet Feeder
4. Smart Bin



10+

12+

Activity Projects