

30+

Activity

20+

Projects

Tinker Orbits is a STEAM Robotics kit for kids to explore the basic concepts of electronic circuits, sensors, Robotics, logics and programming with the help of plug 'n' play modules. It is an educational DIY kit for students which covers the learners' journey around Robotics from Beginner level to the advanced Robotics concepts. This contains both programmable and non-programmable activities. Also, Programmable activities are covered through Block Coding as well as Textual programming.



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. Easy to Connect Plugs.
2. Curriculum Mapped with SDG.
3. Supports Graphical and Textual Programming.
4. Video Tutorial, User Manual and Learning Resources Available.



TECHNICAL SPECIFICATION

1. Android + Web Application
2. IOT
3. Color - Coded Modules
4. Plug and Play

DIY KITS ACTIVITY

1. Weather Station
2. Smart Dustbin
3. Anti - Theft Alarm
4. Wi-Fi Controlled Light & Fan

