BITLI
Order Code - STEM-027

Bitli is an innovative robot designed to engage young minds in both basic and advanced activities. Its block-based design allows for easy assembly and customization, making it an excellent tool for educational exploration.

Bitli empowers students to unleash their creativity by enabling them to build and program the robot using colorful blocks. From basic movements to complex AI-driven actions, Bitli adapts to student's skill levels and encourages them to experiment with new ideas.
Based on the Bitli V1 from TESCA, the micro: bit Bitli Bricks Pack contains 360 degrees servos, LED strips, and almost 200 pieces of bricks.

LEARNING OUTCOMES
1. Concept of AI & ML
2. Construction Skills
3. Organizatiocal Skills
4. Analytical & Critical Thinking

PRODUCT FEATURES
1. Support Microsoft MakeCod: Graphical Programming Interface.
2. No Sharpe Edge.
3. Durable and Safe Colorful Parts.
4. Develop Problem-Solving, Organization and Planning.
5. Develop Scientific and Technological Solution.

TECHNICAL SPECIFICATION
1. Operating Voltage: 4.5V
2. 2.4Ghz Radio Connectivity
3. 360 Degree Servo Motor
4. Protocol Supported: I2C, SPI, UART, PWM
5. Programming Method: MakeCode Graphical Programming
6. Material Type: High-Quality ABS Plastic

DIA KITS ACTIVITY
1. Traffic Light
2. CubeBot
3. Temperature Controlled Fan
4. Smart Desk Lamp
5. Wiper
6. Sky Slinger

30+ Activity

20+ Projects

Tesca Technologies Pvt. Ltd.

Note: Specifications are subject to change.

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