

OTTO

Do It Yourself Academy



Learn | Achieve | Become



AGE 7+

COURSE OVERVIEW

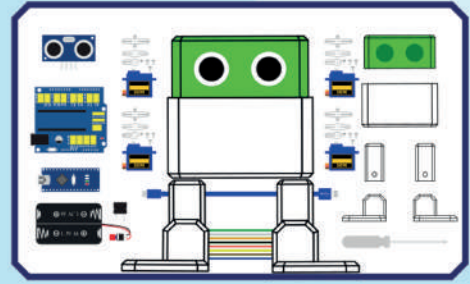
Hi! I'm Otto! I'm an interactive programmable robot!. I am structured around a Bi-Ped design wherein I have two legs for animation. Building on it, I now have hands, an led matrix, Bluetooth, and other additional features. You can make me walk, talk, dance, avoid obstacles, feel emotions and make gestures among a myriad of other programmable functionalities.

HOME FEATURES

- ✓ Entertainment System
- ✓ Service Application
- ✓ Office Application
- ✓ Crowd Control
- ✓ Material Handling
- ✓ Smart Factories
- ✓ Support Application
- ✓ Obstacle Avider

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BI-PED BOTISTS

WHAT YOUR CHILD LEARNS



Exploring the App Inventor online coding program



Saying Hello to the world using speech functions



Make a Virtual Assistant using the web viewer tool



Splashing colours creatively on the digital canvas



Building a customized segment wise news app



Creating a user specific stopwatch & alarm clock



Exploring the fundamentals of electronics & controlling a LED



Touring the IDE and programming the micro-controller



Controlling output devices by reading inputs from the sensors



Understanding the application of robotics & implementation plan



Assembling & Verifying the mechanical structure of the Bi-ped bot



Project ideation, practice and preparation



Project live demonstration



13 Mentor-Led Sessions
13 Self-Paced Sessions



Hands-on Learning
1 Hour / Session

