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Course Curriculum

Basic Robotics For Kids

Course Description:

These days' children have access to numerous distinctive sorts of programs. There's something for everyone's interface. From the expressions to music to science and math, kids have openings to investigate an assortment of subjects to discover their specialty. However, robotics permits children to memorize STEM concepts in a hands-on environment. They learn how to program, plan, and make their claim robots. Robotics offers an instructive device for kids to think out of the box. Numerous times kids have thoughts of what they dream to form. Mechanical autonomy makes those dreams come true. From this course, kids can learn the software. They will use a Scratch-based programming platform that prepares the kids to start writing programs. Children can learn different programming concepts like for loop if & else statements. Besides learning robotics kids come to know the scientific activities of light, force, sound, speed, and many more. They also learn the basic idea of coding and can build a solid foundation in mathematics and science.

Course Requirements:

- No prior technical or programming knowledge is required. You only need to Scratch based programming software.

Course outline:

- Introduction of robotics

- Machine language

- Practical knowledge of machine language

- Project

- Exam and review

What you'll learn:

- Learn to build electronic circuits from Scratch

- Learning to build Programming from Scratch

- Programming the Arduino prototyping platform

- Understanding use of Sensors and other Components

- Build an Obstacle Avoiding robot

- Build Electronic Devices using LED's motors sensors

Who this course is for:

- If you are in Arduino & Robotics then above 10 years old, this course is for you. STEM educators, Teachers Anyone who wants to start a Robotics Class for kids without having a programming background.

CONTACT US

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