

INTRODUCTION TO ROBOTICS

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Mitthu

1. Introduction to robotics

Scene 1: Garden

Chikki

Chikki

Chikki and Mitthu walked through the garden, soaking in the fresh air. Suddenly, curiosity struck Chikki, and she turned to her elder brother with a burning question. And here starts an interesting conversation.

"Bhaiya(brother), what's a robot?"

"Oh, Chikki! I'm happy you asked. A robot is like a super-smart machine. It is designed to do specific tasks for humans. It's got both hardware, which is the physical stuff, and some smart instructions given through programming, called software. Basically, robots are our helpers—they do repetitive jobs faster and better than we can."

"Hmm, interesting. Are they the ones we see in movies, you know, those weird human-like robots?"

"Not always, Chikki. They come in all shapes and sizes. And not every amazing task-performing thing is a robot. Let me break it down for you."

They found a bench near a rose plant and sat down.

"Okay, Chikki, think about our washing machine at home. What does it do?"

Chikki

"Well, you put in dirty clothes, add some washing powder, and it gives you clean clothes after a while."

"Exactly! Now, imagine washing all those clothes by hand. How long would it take?"

"Hmm, a lot longer. Maybe 2 to 3 hours*?"

"Bingo! The washing machine is doing a human-like task—washing clothes—but way faster and easier. Even it takes the water by its own, and the clothers are almost dried when it completes the cycle. So, can we call it a robot?"

Mitthu

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1. Introduction to robotics





Mitth

1. Introduction to robotics

"Thank you, Bhaiya! We'll build amazing robotics creations with it!"

"Sure... you can try over 100+ projects!"

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"Wow! Let's order it now!"

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Chikki

Chikki

They visited www.havi.co & order DIY Robotics Starter Kit.

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Chikki's notebook
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We have so many chathet reports around us. They are alove, chatCPT
We have so many chatbot robots around us. They are alexa, chatGPT,
Copilot, Meta AI, Google home etc. We can ask them questions and they
will give us answers. They are helpful.
There are various areas in which robots are working. Some examples are
Assistance, Entertainment, Education, Household & home automation,
Industries, Medical, Defence etc.

Hard Words

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1. Introduction to robotics 0.000

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