

IRIS AI Robot

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About IRIS AI Robot

- It is powered by Robotics and [Generative AI](#) technologies, Iris boasts a dedicated Intel processor and coprocessor for seamless performance.
- Its Android App interface allows users to control and interact with the robot, ensuring a personalized learning experience.
- It is not just a passive presence in the classroom but a dynamic voice assistant and interactive learning tool.
- It acts as an AI voice-controlled assistant, responding to user queries, providing explanations, and delivering educational content.
- It engages users in interactive learning experiences through personalized content generation, quizzes, and interactive activities.
- Equipped with a 4-wheel chassis, Iris can move freely within its environment, facilitating interaction with users and navigating through learning spaces.
- Its hands, featuring 5 DoF each, enable Iris to manipulate objects, perform demonstrations, and engage in hands-on learning activities.
- The robot can teach subjects from nursery to Class 12.
- The robot currently speaks three languages – English, Hindi and Malayalam.

- It is created by Maker Labs.
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Q1) What is Generative Artificial Intelligence?

Generative AI refers to deep-learning models that can take raw data and “learn” to generate statistically probable outputs when prompted. Generative AI is powered by foundation models (large AI models) that can multi-task and perform out-of-the-box tasks, including summarization, Q&A, classification, and more.

Source: Dressed in saree, meet India's first-ever AI teacher robot named 'Ir

Source: <https://vajiramandravi.com/current-affairs/iris-ai-robot/>

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