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ROBOT WALLAH

Workshop & Championship Association with IIT



Proud Technology Partner

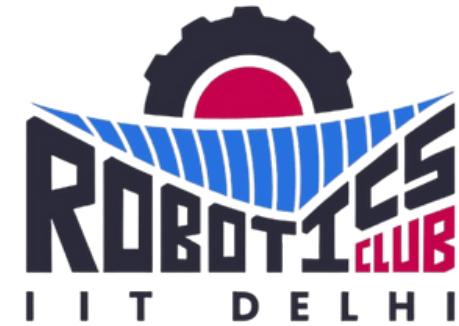
🤝 **Robot Wallah** is honored to collaborate as an Associate Partner with:

IIT Hyderabad - Elan & Nvision Club 🚀

IIT Bombay 🛡️

IIT Delhi 🔧

Together, we empower innovation through AI, Robotics, and Technology, fostering hands-on learning and inspiring future leaders to build groundbreaking solutions.



ROBOT WALLAH

Robot Wallah is at the forefront of the robotics and technology landscape, fostering innovation and education across Universe.

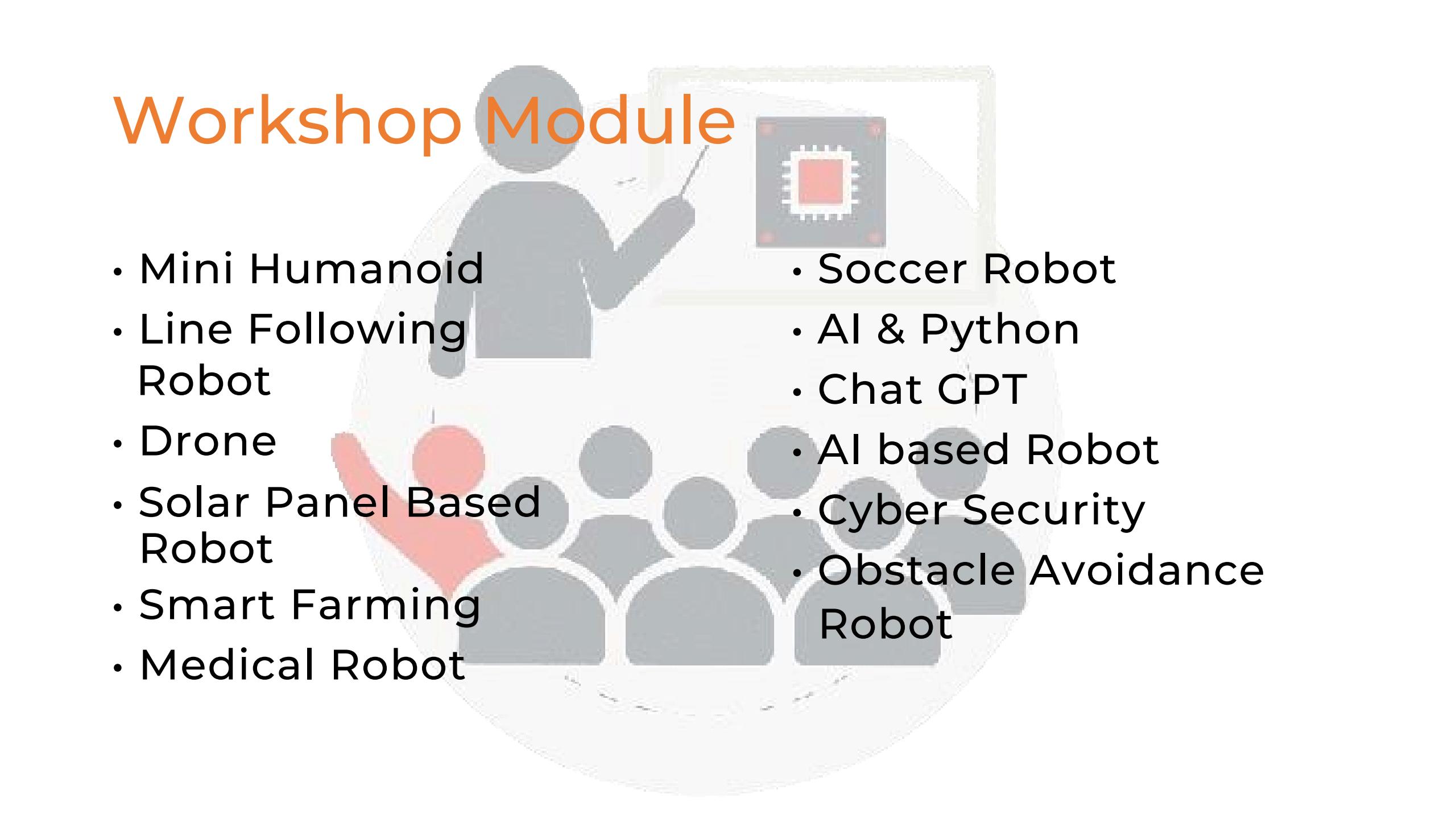
Innovative Robotics -> Skill Development -> More Startups -> More Employment -> Poverty Reduction -> Humanity Uplift -> Sustainability

-Vikas Singh

“Bridge the gap between Education and Practicality”



Workshop Module

- 
- Mini Humanoid
 - Line Following Robot
 - Drone
 - Solar Panel Based Robot
 - Smart Farming
 - Medical Robot
 - Soccer Robot
 - AI & Python
 - Chat GPT
 - AI based Robot
 - Cyber Security
 - Obstacle Avoidance Robot

Mini Humanoid Robot:

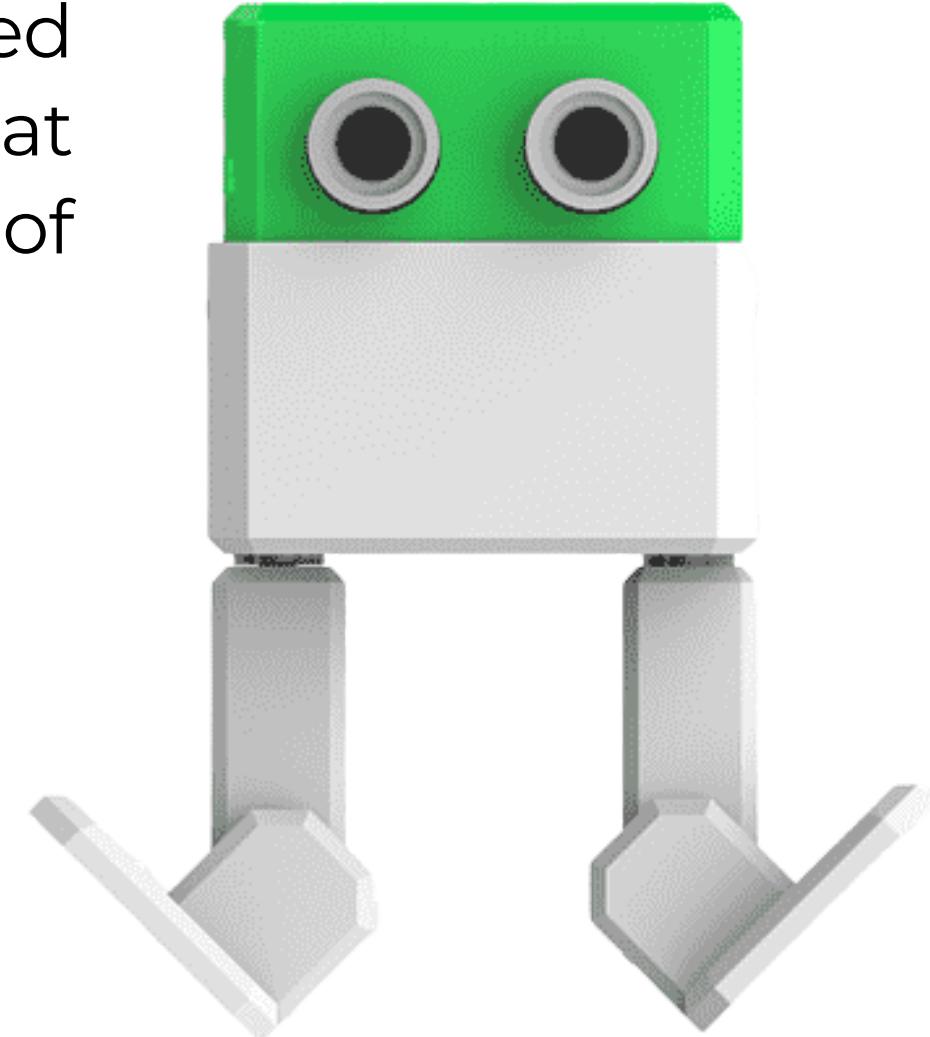
A Mini Humanoid Robot, also called two-legged Robot, is a robot that walks on two legs with the help of Microcontroller programming.

Real Life Examples:



Atlas

Eligibility: Class 6th-12th



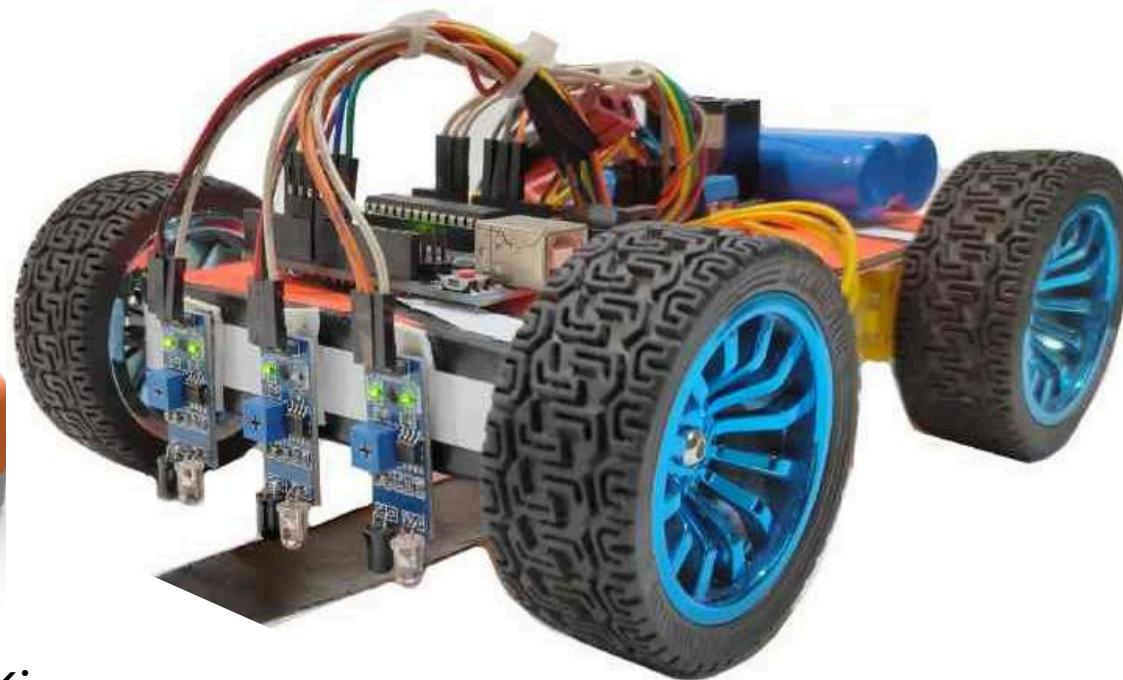
Line Following Robot:

LFR is a robot based on microcontroller, which follows a pre-determined path to carry out the task efficiently, saving time and labour.

Real Life Examples:



Amazon Kiva



Eligibility: Class 4th -12th

Drone:

Drones are used for many functions, ranging from monitoring climate change to carrying out search operations after disasters.

Real Life Examples:



AGRAS T20P

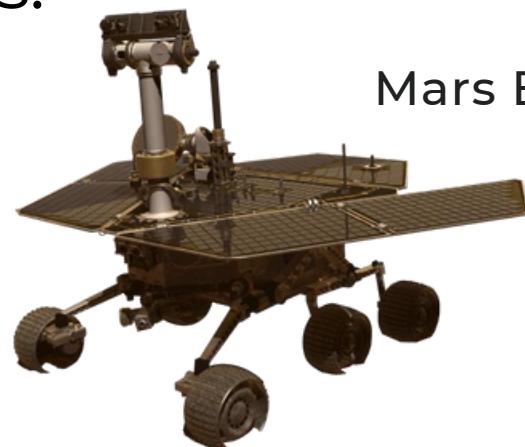


Eligibility: Class 6th-12th

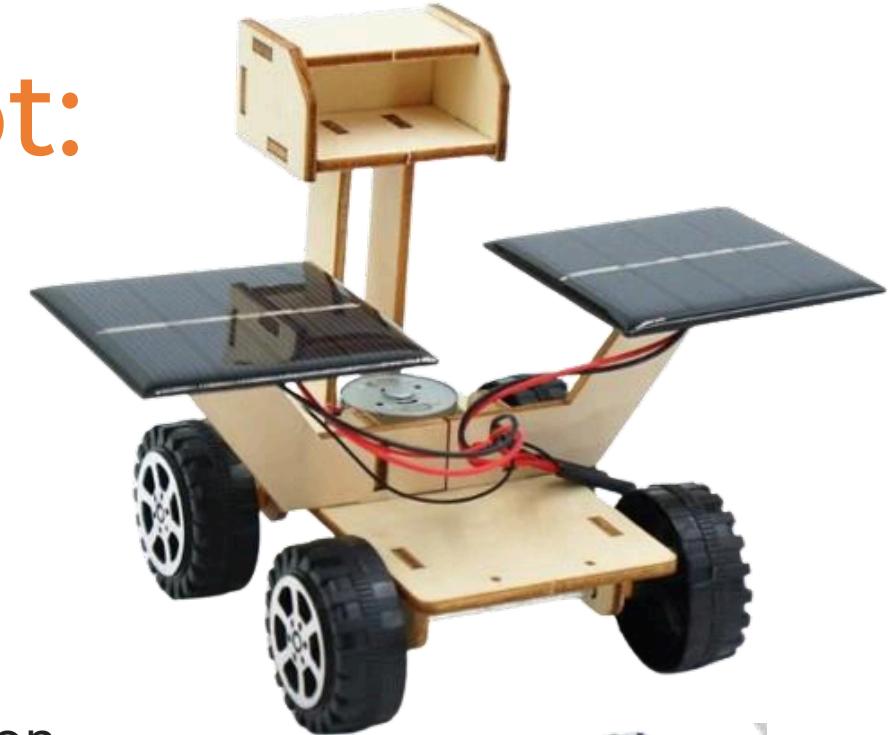
Solar Panel Based Robot:

SOLAR PANEL uses sun rays as a source of energy for making projects like solar car, mobile charger etc.

Real Life Examples:



Mars Exploration Rover



Eligibility: Class 5th-12th

Smart Farming:

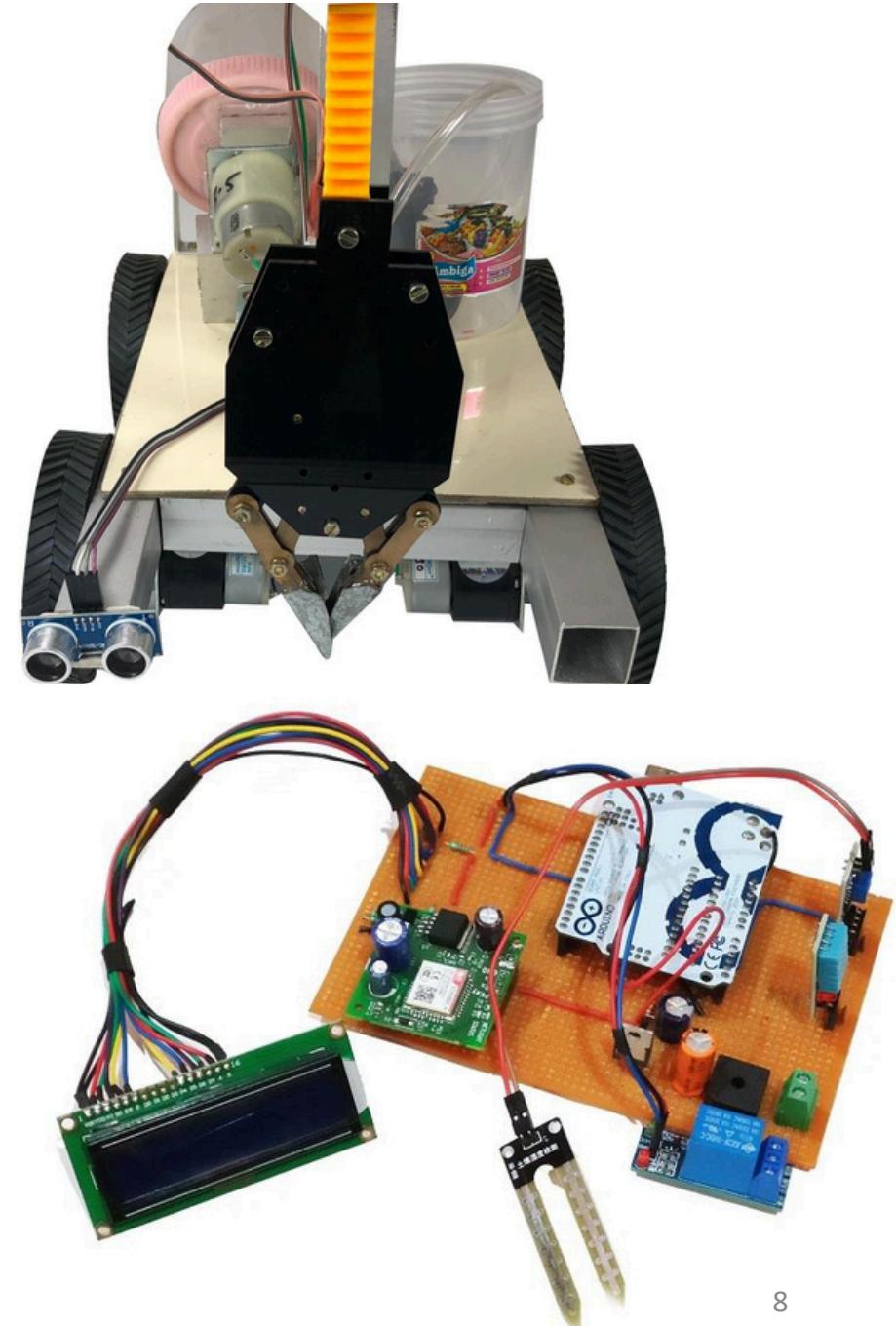
Smart farming is about using the new technologies which have arisen in the areas of agriculture to increase production & quality by making maximum use of resources.

Real Life Examples:



Rosphere

Eligibility: Class 6th-12th



Medical Robot:

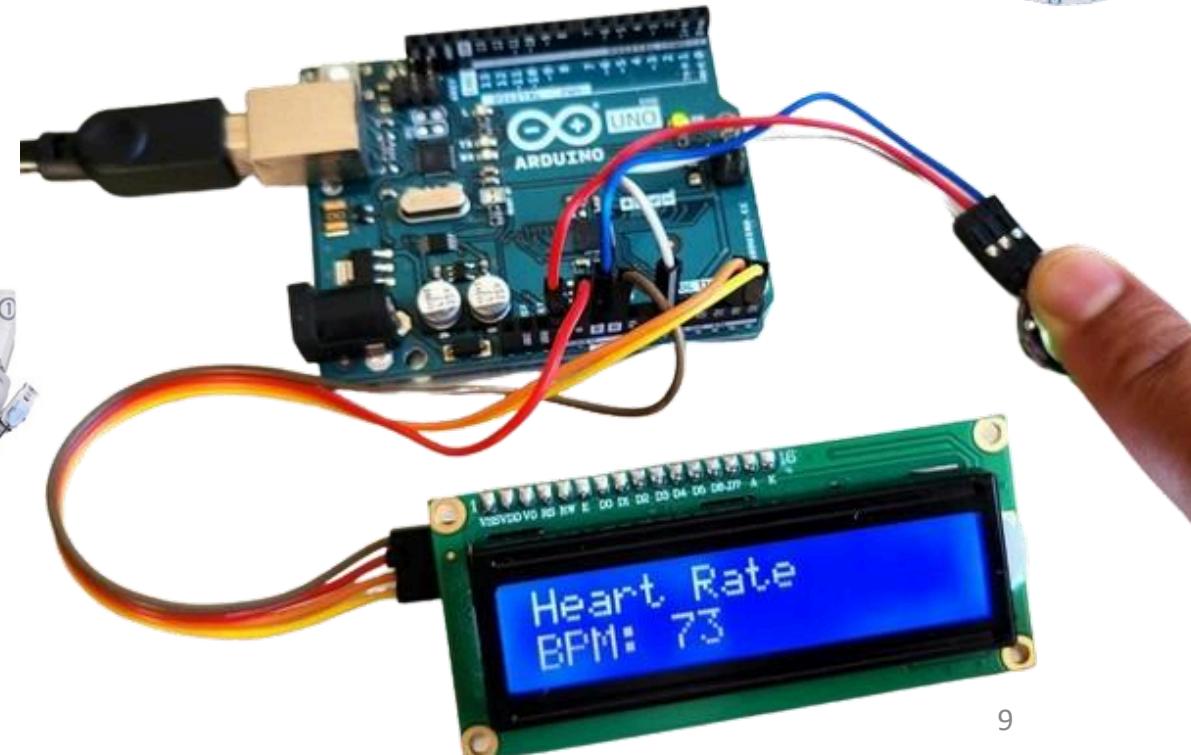
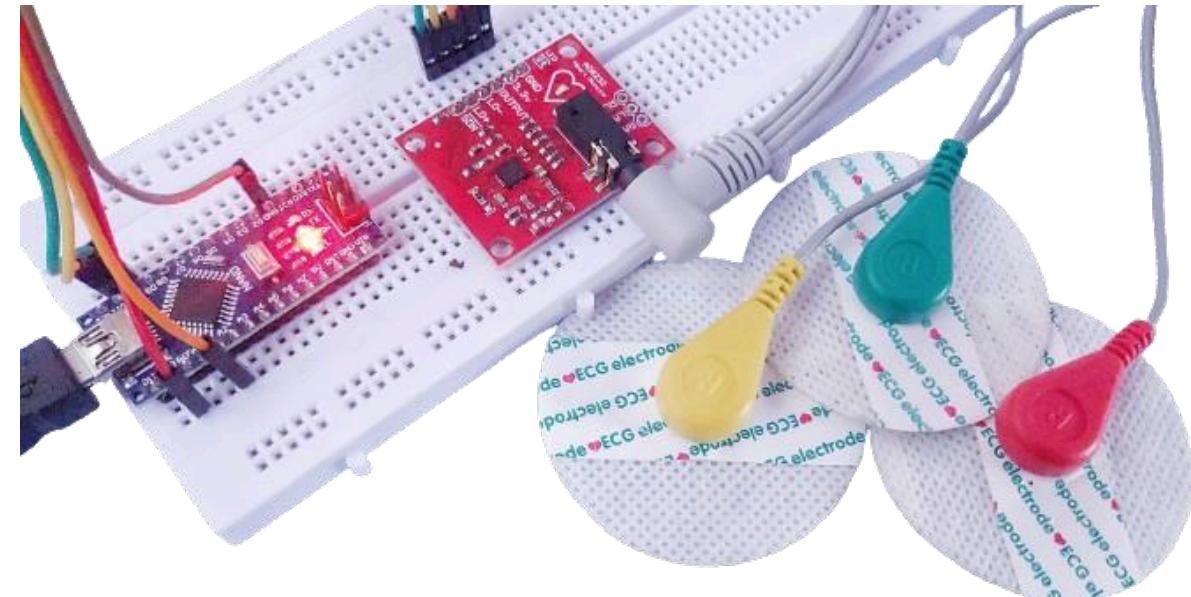
Robots are programmed to perform critical functions, such as interacting with patients, reviewing patient's condition, performing surgeries and disinfecting hospital rooms.

Real Life Examples:

da vinchi
robot



Eligibility: Class 5th-12th



Gaming Robot:

A gaming robot is a specialised autonomous and mobile robot used to play football variants.

Real Life Examples:

Eligibility: Class 3th-7th



Soccer
robot



AI & Python:

Artificial Intelligence (AI) is an area of computer science that emphasises the creation of intelligent machines that work and react like humans.

Real Life Examples:



Eligibility: Class 6th-12th



Chat GPT:

ChatGPT is an AI chatbot that uses natural language processing to create human like conversational dialogues.

Real Life Examples:



Eligibility: Class 8th-12th



AI Based Robots:

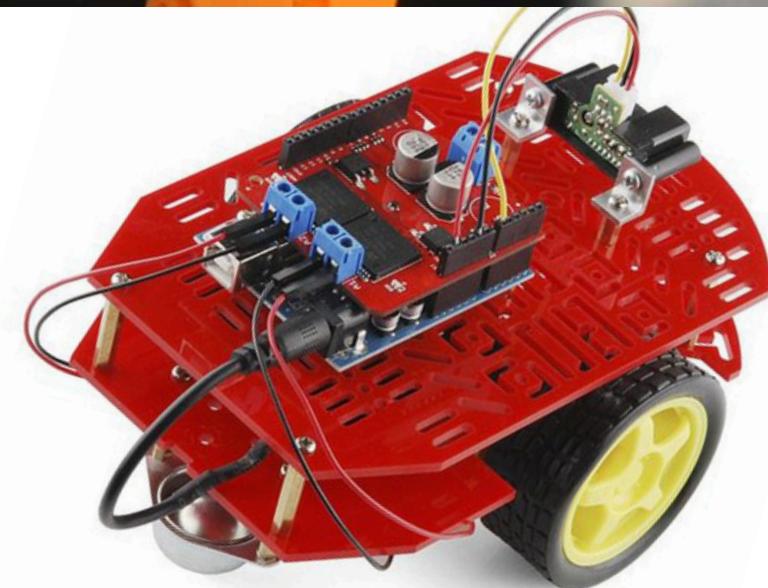
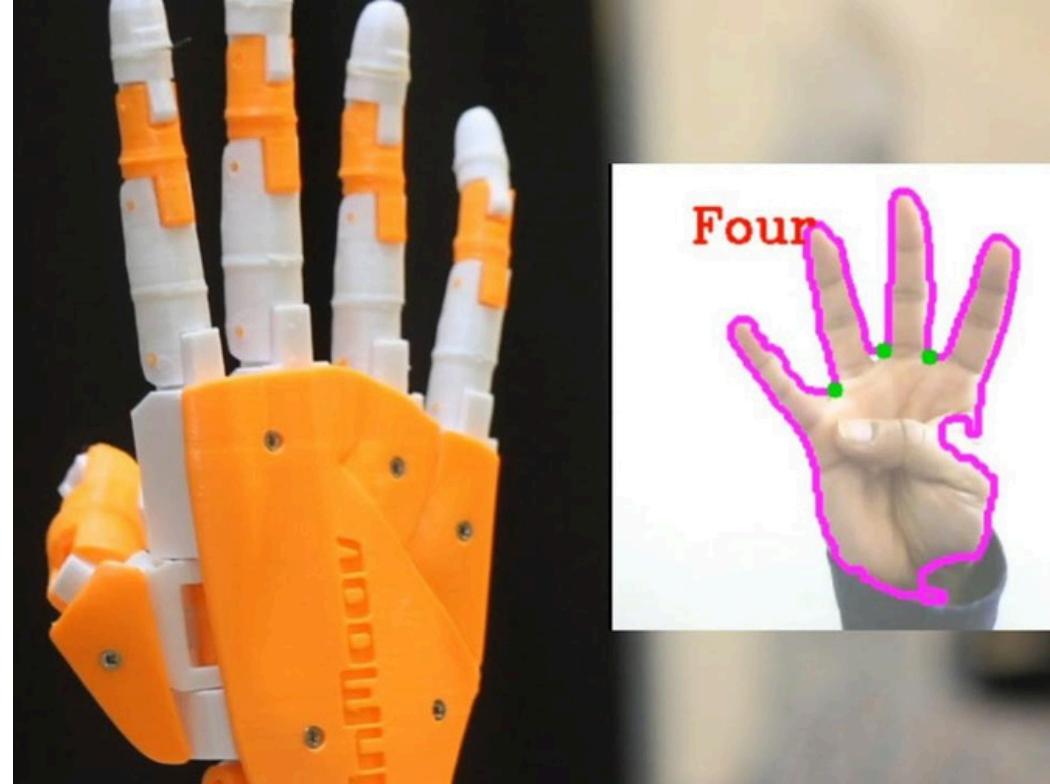
AI provides robots with adequate computer vision and motion control to better understand the environment and act accordingly.

Real Life Examples:



Honda
Asimo

Eligibility: Class 6th-12th



Cyber Security:

Cyber security protects computers, networks, programs, and data from unintended or unauthorised access, change, or destruction.

Real Life Examples:



Eligibility: Class 6th-12th

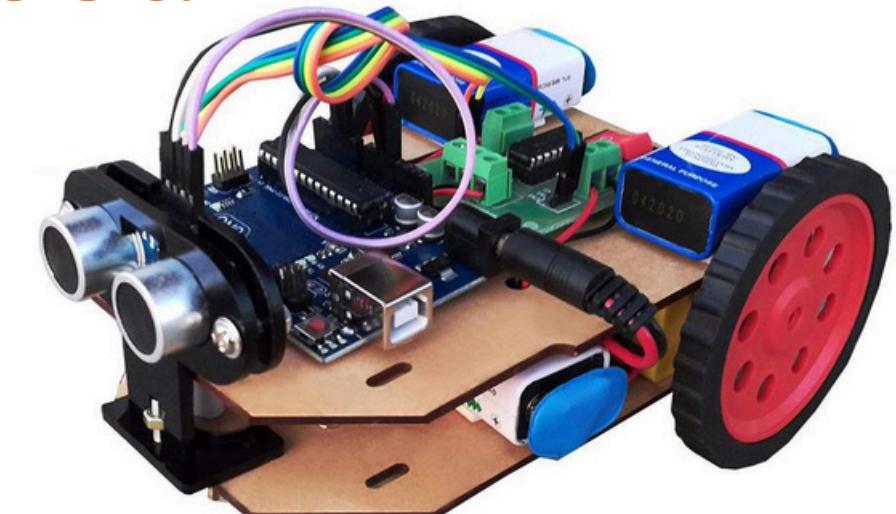
Obstacle Avoidance Robot:

It is a robot designed to avoid obstacle in an intelligent manner using powerful sensor mounted on top.

Real Life Examples:



Roborock
S7 MaxV



Eligibility: Class 4th-12th

About Championship:



Student Selection
at Workshop



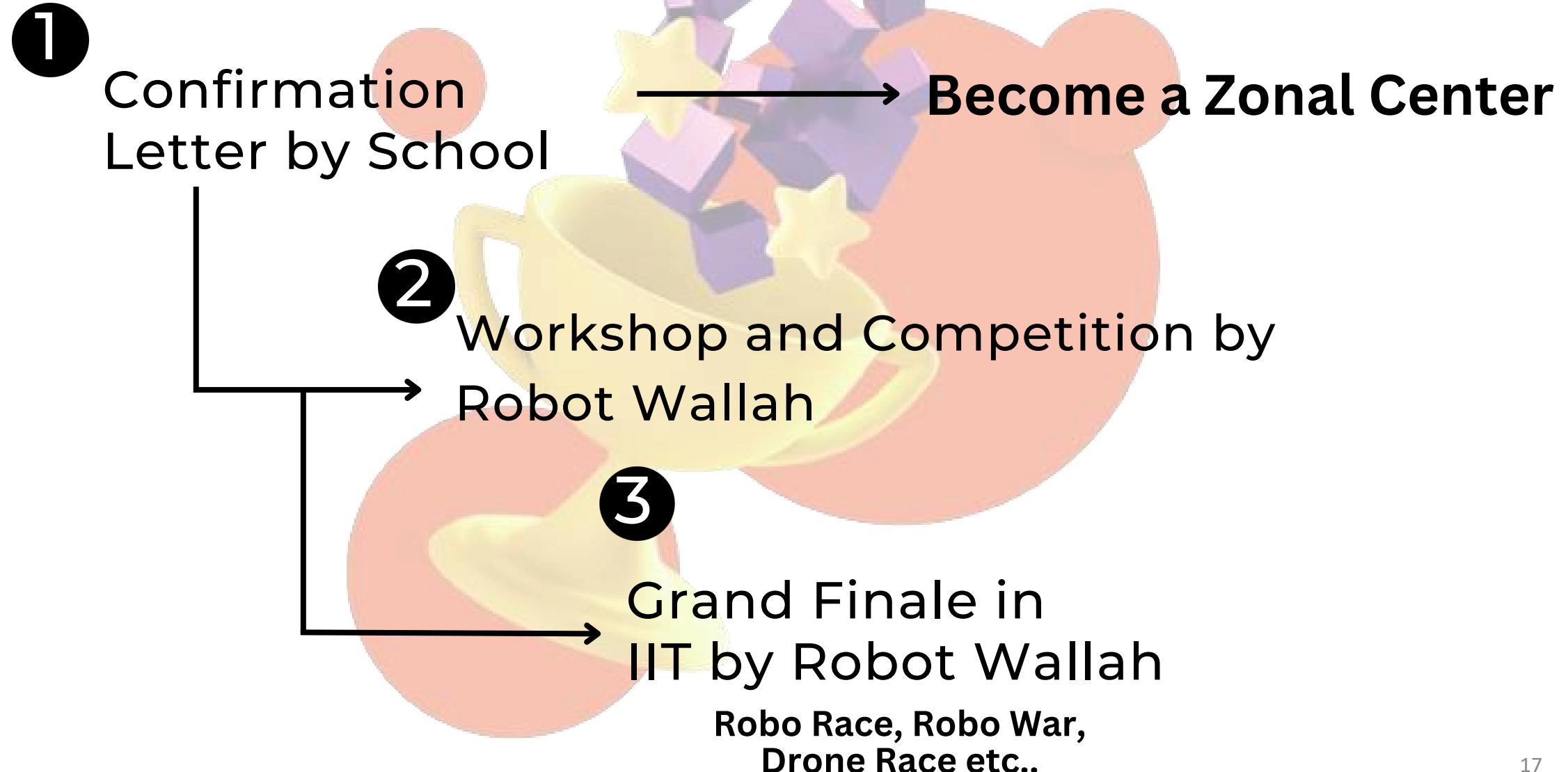
District Level
Competition by RobotWallah



National Level
Competition at IIT

Authentic Certificates will be provided at each stages by RobotWallah Association with IIT

Process of Organise:



FeelFreeTo

Contact Us!

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