



iRobo
Embrace the Future

ITS TIME FOR ROBOTS

www.rubyrobot.in



"Ruby - the Robot Waitress"

"Ruby - The Robot Waitress" with laser navigation, can walk to the assigned table after its assigned from kitchen tab. When she arrives at a specific table, the robots turn to the customer and greet the person politely with, "Hello! Here's your order, and please enjoy yourself." Then, after the guests get their food from the tray, the machines say, "Please touch my hand if you don't need anything else." When the customer touch her hand, the robot automatically moves back to kitchen. With optical or magnetic sensors Ruby knows exactly where to stop in the restaurant and return to the kitchen when the food is delivered.

Embrace the Future

I COME IN
MULTIPLE
COLORS



INCREASE SALES

- Attract new visitors due to "Wow" factor
- Maintain high footfall
- Be the talk of the town
- Attract high popularity.

SOFTWARE & APP INTEGRATION

- Easily integrates with iRestaurant billing software
- Android app for manually remote control
- App for taking orders directly at table
- Orders sent directly to kitchen

AUTONOMOUS NAVIGATION

- Automatically navigates on magnetic strips
- Identifies every table
- Obstacle avoidance sensor

DEDICATED SUPPORT

- Entirely manufactured in India
- Dedicated engineers for after sales support.

We will deliver your helper & indispensable partner anywhere in the world!

SPECIFICATIONS

Designed to deliver food to customers at restaurant:

Ruby has been designed to efficiently work in restaurant as servers. A fully charged Ruby can work upto 6 hours continuously.

Beautiful design and aesthetics: Ruby is designed to be attractive and people-friendly. It's shape, blinking eyes, height and body structure has been designed to resemble human so that people fall in love with a robotic waiter straightway.

Payload capacity: Ruby has an attached tray that can support weight of food upto 10 kg. Speed of Ruby has been optimized to 0.3 m/s per second to serve all kinds of food.

Autonomous navigation: Ruby can navigate around the restaurant premises on its own following a magnetic strip. It also avoids static and dynamic obstacles. The restaurant must not contain uneven surfaces and it must be flat.

Professional Product Details

Product Size (Not include Packaging)		W 750 mm * H 1550 mm
Net Weight (not include Packing)		Upto 70kg
Control Mode		App based control
Min. Turning radius		min. 500mm ± 10mm
Movement Mode		Forward, backward, left & right turn
Position accuracy		± 10mm
Navigate mode		Magnetic tracking
Battery	Battery type	Rechargeable battery
	Using time for one time charging	Upto 5 Hours
	Ambient room temperature	0 to 40 degrees, relative humidity
Power	Operating power	DC24V
Voltage	Input voltage	210-230v
	Output voltage	DC24V
Safety laser obstacle sensor	Obstacle sensing distance	≤3m
	Emergency braking distance	≤20mm

* Specification may change without any prior notice/information.

To know more call: +91-9829034797

APPLICATIONS

**Restaurants
Cafes**

Banks

**Corporate
Events**

Hospitals

Malls

**Government
Departments**

Offices

Showrooms



MEDIA COVERAGE



The makers of Ruby - Pradeep Sharma and Aditya Kukar (L) with the owners of Ruby - Nitu Surana and Harshit Surana

RUBY FOUND HER MAMMA

Yellow House becomes the first robotic restaurant in the city

KIRTI CHAUHAN

Ruby, the robot, has finally found her first owners in Jaipur. Yellow House has become the first restaurant in Jaipur to have a robot waiter installed in it. During the launch on Friday, resto's owner Harshit Surana and his mother Nitu Surana said that they are trying to revolutionize customer service by introducing robot waiters to deliver food and drinks in their resto. Ruby costs them around 3.1 lakhs INR.

This is an achievement for the city as the master mind behind making the Ruby, a tray-wielding humanoid, is



Ruby serving food at the restaurant

the Director of Dekho Network Pvt Ltd, Aditya Kukar, from Jaipur. During the launch, while sharing his another achievement, he said, "Ruby will soon serve food in Kerala. Vineeth MK and his partner Ni-

zam CV were in Jaipur from Kerala and they have ordered four robots for their upcoming 'Robotic' theme based restaurant. Ruby is the result of joint efforts by Arya College Robotics R&D lab and Dekho Network."

Sharing their idea, Vineeth and Nizam said that they would be opening four branches of Robotic resto 'Be@kiwizo' in Kerala in the city Kannur, Calicut, Kochi and Thiruvananthapuram. Apart from the robots as their waiter, they would be having a robo receptionist and toy robots, which would ask the customers to hug him, hold his hand and play with him.

In a first for Jaipur, robots to serve food at restaurant

HT Correspondent
a.kg@ht.com

JAIPUR: Imagine walking into a restaurant and placing your order with a robot? The Pink City now has its first robot restaurant where customers can get their food orders delivered by robots.

Developed by the students of the Jaipur-based Arya Group of Colleges at a cost of Rs 4.5 lakh, the two robots, Ruby and Ruby 2.0, at the Yellow House restaurant at Panch Batti Circle has already become a hit with the customers.

"A kitchen manager enters the table number of the guest and Ruby automatically goes and stops at the assigned table. It automatically navigates on magnetic strips and identifies every table and also has an obstacle avoidance sensor," said Harshit Surana, owner, Yellow House restaurant. The robots can work for up to 10 hours after charging for a minimum of five hours.

The restaurant staff have been also trained to operate the robots. The staff monitors the robots so that they can guide them in case of an emergency.

"At present, we have two robots. We are in the process of updating their programming so that they can interact with the customers in English and Hindi," said Surana. The robots are a huge draw among the customers, especially women and children.

Seven-year-old Utkarsh Kapariya who went to the restaurant with his mom was amazed. "I am seeing a robot serving food for the first time. It seems like I am watching a live movie," said Kapariya adding that "Ruby" looks cute in yellow jacket.

The encouraging response from the public has prompted



Robot Ruby serves food in a Jaipur restaurant.

HT PHOTO

the restaurant management to come up with a more advanced version of the robot that functions on artificial intelligence (AI). The newer version of the robot will be able to interact with the guests and also answer their questions, said Surana. The information can then be used for guest identification, conversation and even to answer questions related to the organisation. The restaurant owners

claimed that this is the first restaurant in North India where robots are serving food.

"Robots replacing the workforce is not new in the country. In South India there are few restaurants which have already introduced them to serve food to attract customers about two years ago. But in North India this is the first restaurant where robots are serving food," added Surana.



CB ANCHOR रूबी के नाम से तैयार रोबोट की बुधवार को शहर के रेस्त्रां में फूड सर्व करने की टेस्टिंग की गई

जयपुर के रेस्त्रां में फूड सर्व करेगा रोबोट, 9 महीने में बनाया

विधि रिपोर्टर • जयपुर

रेस्त्रां में कस्टमर को ऑर्डर लेकर सर्व करने में वेटरों को फूलिफुल सिस्टम के लिए शहर के अहोटे वेटर रिजनिशन ने रोबोट तैयार किया है। ये कस्टमरों से ऑर्डर लेकर सर्व करेगा। रोबोट तैयार करने वाले अरविंद कुम्हार कहते हैं, एक दिन जयपुर का बीटिंग वेटर रिजनिशन रोबोट फूड सर्व करेगा, जिसे देखकर रोबोट बनाने का अहोड़ा आया। इनकी अभी तुलसी रस पर रोबोट फूड सर्व कर सकता है, अगले चरणों में रोबोट कस्टमरों से इंटरेक्ट भी करेगा। इस रोबोट का नाम रूबी रखा गया है, जिससे बि नाम भी कस्टमरों को चुनाव पर थोड़ा होगा।

ऑर्डर लेगा और सर्व भी करेगा रोबोट रूबी

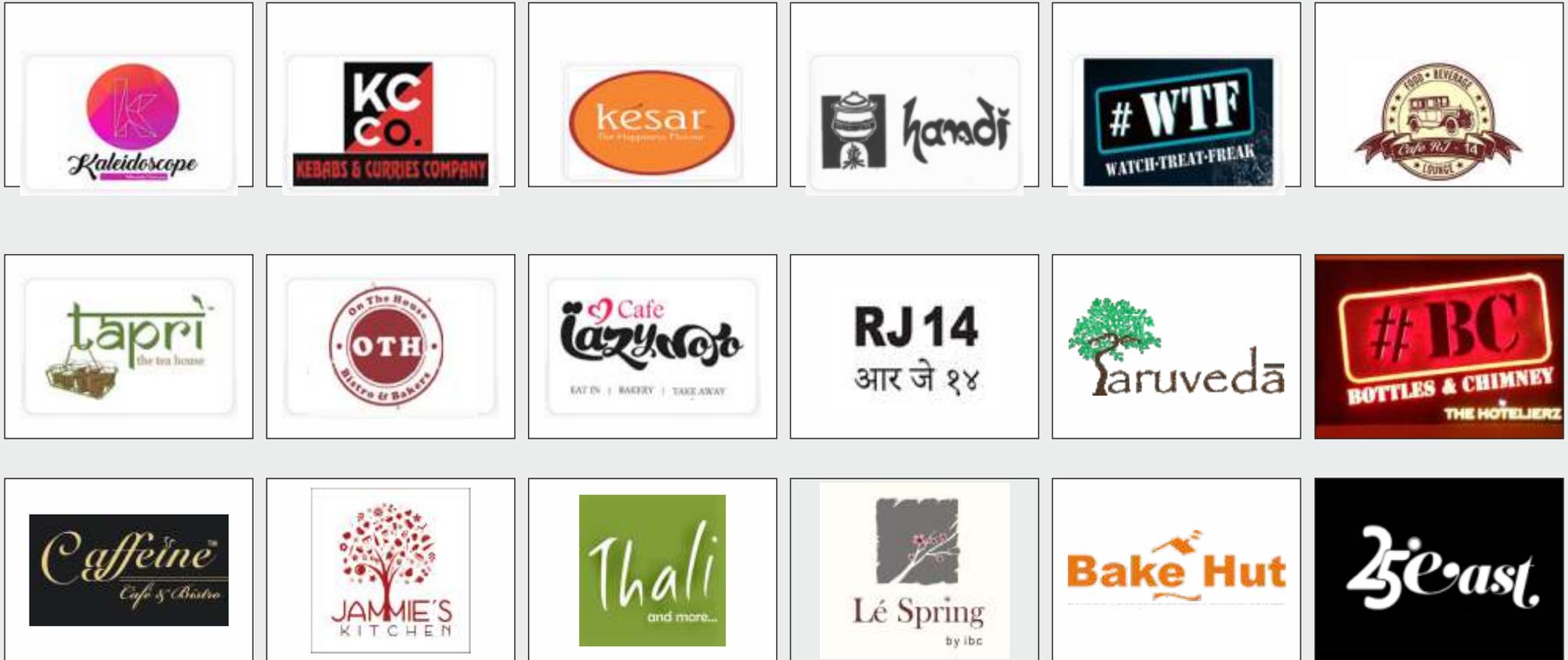


रेबोट के तम अरविंद कुम्हार

9 महीनों में आदित्य ने रिसर्च कर तैयार किया रोबोट

अदित्य ने रोबोट, वैक और ऑडिओ ने कई वेटर को काम करने के लिए रोबोट तैयार किया है। इसे उन्होंने जयपुर रेस्त्रां के सार रिजनिशन 9 महीने में तैयार किया। रोबोट वेटर वेटर टेक्नोलॉजी पर काम करता है। जिसकी मदद से जब रोबोट टेबल पर जाकर ऑर्डर लेकर है, उसे काम किए टेबल पर रखता है। उसकी जानकारी रोबोट के पास होती है। कुम्हार को शहर के रेस्त्रां फूड सर्व करने की टेस्टिंग की गई। अब उसे जाकर पैर इंडिया बर्की रेस्त्रां में इस तरह रोबोट ने फूड करने को पारदर्शित किया जायगा।

SOFTWARE CLIENTS



...and many more

OTHER ROBO CONCEPTS



Aishwarya Robot

Robo Aishwarya can stand at entrance to welcome guest. It will have sensor to identify the guest and playback welcome audio. It will also have a dispenser to spray the liquid for guest welcome

It comes in two models.

Type 1 : No remote control with manual push wheel base.

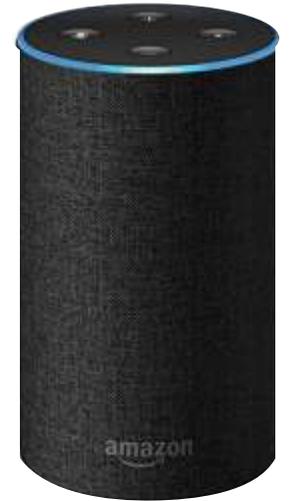
Type 2 : With suspension to work on magnetic strip.

- Automated movement on magnetic strip.
- With in-built motion sensors it can sense the person and greet the person.
- It can be used to welcome guests at entrance and once the food is delivered Aishwarya with its Remote controlling app. Moment its delivered then Aishwarya can automatically go to that table and ask the guest "whether they are enjoying the food" and can return back to its welcome point.



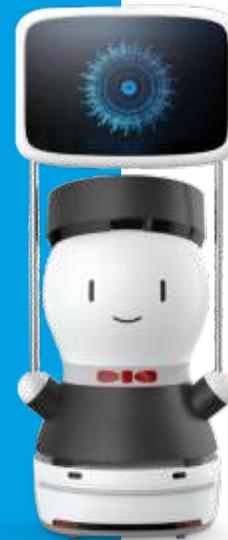
Robot Trolley

Multi-purpose Robot Trolley is Smart, Intelligent Robot for customers to return their cutlery after their meals in a restaurant. It can also be used to deliver medical equipments in hospital thus reducing the burden from nurses so that they can take more care of patients.



Igloo Robo Guide

Igloo's job is to guide you, greeting you with a smile and making navigation easier. If you walk into a new, confusing mall , convention center, office then he's there to greet you with a smile and a helping hand. Igloo learns about his environment by mapping the physical space and committing it to memory. Building a virtual map from the scan it can then direct customers through stores, airports or anywhere.



Spider Robot



Robo Spider can move forward, backward, turn, and can perform all kinds of action. Can be used to deliver Signature Dish of a restaurant.

Functionality -

1. Move forward, left, right & backward.
2. Move its body like dance.

Ruby

The Robot Waitress



Alexa "take my order"

With AI enabled Alexa devices on table, guests in restaurants can place order directly thru Alexa to our iRestaurant POS software.

Customer : Alexa Take my order

Alexa : What do you want to order ?

Customer : Paneer Tikka

Alexa : how many quantity do you want to order ?

Customer : 2

Alexa : Do you want to order anything else ?

Customer : No

Alexa : You have ordered 2 Paneer tikka. Please say confirm my order to confirm and Cancel to cancel the order.

Customer : Confirm my order

Immediately Alexa sends the order to Kitchen

Robo Head



Robo Head serves two main purpose

- Pre-defined Audio script at time of bill
- Pre-defined Audio script for birthday wishes

Functionality -

1. Pre-programmed steps & actions play after start.
2. Multiple robo heads can be customised for interaction with each other.

**AVAILABLE IN
FOUR COLOR**

“

We will deliver
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”



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To know more call:
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