

## Dr. Neelima Mishra

Director

(Club First Robotics Pvt Ltd)

### Education:

B-Tech (Computer Science)

M-Tech (Cloud Robotics)

PHD ( Robotics)

### Owned Ventures:

Director: Club First Robotics P L

Chairman: FIRS FOUNDATION

Director: Jaipur Technical Festival

Director: Club First Technologies P L

### AWARDS:

FIST AWARD

FE INNOVATION AWARD

40-40 AWARD

Women Recognition Award

Women Entrepreneur AWARD



Owned Ventures

## ABOUT NEELIMA

She is the Co-Founder and Director of Club First Robotics Pvt. Ltd. Club First is a group of technical experts who put in their ideas together for improvement & research in science & technology. CLUB-FIRST is now at every technical corner. Club First Robotics Pvt. Ltd. is a new start up found in 2020 by Mr. Bhuvanesh Mishra and Dr. Neelima Mishra who wants to make believe that India has great potential in developing Robots and Robotic services that are completely manufacture in India itself. In very short time we are privilege to install some robots in different states under this company in which robots are serving and doing jobs along with human.

- Club First Robotics is the Indian R&D and Manufacturing Company of Robotic services. It developed and deployed more than 40 Humanoid Nurse Robots in isolation wards of different hospitals during Covid' 19.
- Later it start focusing on one more life taking issue that is causing death of human during cleaning of sewage. To overcome from this her team developed a sewage cleaning robot and till date 5 are already working in different municipal corporation and many in the pipeline.

- She has started her career in education sector as Asst. Professor in renowned engineering college and later she founded and appointed as CEO in First Automation of Club First Group, under which she conduct many workshop and robotics training programs for School students.
- During 2015-17 company has deploy approx. 350 RO commercial plants in rural areas of Jaipur and Haryana in collaboration with iPure, Naandi and Amrit Jal Pariyojna. These plants are basically an ATM of water in which the dispensing of water is done by NFC card and they facilitate the families by providing RO purified water.
- In 2019, she has promoted to the post Director in Club First Group and launched the first Indian Humanoid Service Robot Sona 1.5 and after that the research on more versions of service robots is still on.
- She is M-Tech in Cloud Computing in research with “Cloud Robotics” & B-Tech in Computer science.
- Ph.D. in Robotics
- In 2021, she founded a NGO named FIRS Foundation that serves the technical programs and awareness in the same in every corner of rural area with the vision of letting the people from rural about understanding and using the technology that helps them in many ways.

## **Work done during Covid'19**

- **Developed and deployed the Robot Nurse during pandemic.**

### **Robots ...**

... reduced the chances of infection to nurse and medical staff.

... reduced the burden of medical staff.

... reduction in the demand of PPE kits and other safety materials.

... provide quality services on time to COVID'19 patients.

... do the thermal screening of visitors and staff and ask them to wear the masks

- **Developed and deployed Manhole/sewage cleaning robot.**  
Manual Scavenging is prohibited in India and banned by the Supreme Court. Still due to illiteracy, number of people is there who are entering to the manhole and may give their life. Media reports suggest there have been over 300 manhole-related deaths in India over the past three to four years.

- **Xena 5.0, ATV Robotic Platform:**

The Fire fighting Robot is a minimized and convenient crisis responder robot that helps fire fighters in battling elevated structure fires, particularly in exceptionally hazardous conditions where it isn't alright for individuals to enter. The Xena 5.0 can drive up hills, can ford through shallow water, and can carry over 100 KG of payload. The Xena 5.0 was produced using premium quality of metal that permits it to withstand exceptional hotness and temperature. The robot has an amazing multidirectional spout that can shoot 2500 gallons of water each moment. All things considered, the power of Xena 5.0 is equivalent to the power of 9 men extinguishing the fire at a time.

