

# All About #welfarengineering

Making Poultry Farming Sustainable and Profitable with a Prime Focus on Welfare

# 2022

# Corporate Brochure

## **About Us**

Animal and farmer welfare are usually neglected in the chick to chicken cycle. Also, it is affecting overall productivity. We have identified a few opportunities to improve poultry farms' animal welfare and productivity. With automation, robotics, and IoT, we want to impact poultry farming positively.

#### Vision

To make poultry farming healthier and sustainable.

#### Mission

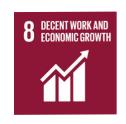
Focus on #welfarengineering to improve animal welfare and productivity of commercial poultry farms by providing innovative solutions.

We are proudly supporting 6 out of 17 Sustainable Development Goals of the United Nations.







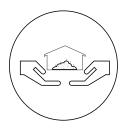






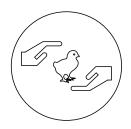


## **Our Focus**



## **Poultry Farm Waste Management**

Maintain poultry environment and livestock welfare in good condition by monitoring and managing poultry farm waste in Broiler and Breeder Poultry farms.



## **Brooding Management**

Use IoT-based technology to create, monitor, and maintain an ideal and comfortable environmental condition during a brooding period after the placement of chicks in the poultry.



## **Bird Harvesting Management**

Provide the technology solution for handling birds with care and maintaining excellent livestock welfare during the catching process.



# **NET-ZERO Plan**

We are focused on #welfarengineering to improve the animal welfare and productivity of poultry farms by providing solutions to poultry farm waste management.



5-6 decades-old problem of raking solved by a powerdriven mechanised tool

**Effortless** Raking

**HERO** 



Close monitoring of environmental parameters using IoT/ **Battery Technologies** 

**Effective Litter** Management

**FREEDOM** 



A bot-adopter for multi-tasking based on automation and Al technologies

Healthy & Traceable Chicken

**SPOTLESS** 





2025

A modular Bio-Gas + CHP plant effectively eliminate GHG, Ammonia and waste.

Sustainable **Poultry Farms** 

**PACE** 





## **Our Product**

Power-driven litter management solution solved 5-6 decades-old problem of raking. PakshiMitra-HERO, Stage I Solution, is a power-driven, compact, and affordable machine that performs raking operation effortlessly.

#### **Features & Benefits**



**Eco-friendly** No fuel required



Consumes less electric power



Effective in rainy & winter reason



10000 Sq. ft. raking in < 1 Hr



Designed for all types of Indian farms/conditions



**Enclosed design** safe for birds



Low sound (< 30 db)



Less efforts. Least maintenance



High Income Improved FCR



MADE IN INDIA Product



**HERO** 



# **Our Journey**

Our journey started when we took the challenge to solve the fundamental problem of raking, i.e., efficient raking with minimum efforts. The solution for litter raking, which looked so simple, was very challenging. However, Team PakshiMitra's decades of experience designing critical nuclear & heavy engineering equipment helped us deliver quality and reliable products.

With over two years of continuous efforts and nine prototypes,

we successfully launched our first an award-winning product,

'PakshiMitra- HERO'.









#### **Awards**

- "Most Innovative Agtech (Emerging Startups)" at 4<sup>th</sup> Edition of FICCI Agri Startup Submit and Award 2022.
- Winner Sustainability
   Maharashtra Startup Week 2021
- India's top Innovative MSMEs 2020 ETRise by Economic Times
- Best Innovation Company
   Padma Shri Dr. B. V. Rao
   Poultry Entrepreneurs
   Global Icon Award 2020



## **Mentors & Team**





AMIT KUMAR
Founder & CEO of MSMEx
Founder of Zimmber



DR. RAJESSH KOKJE
21 years of experience in poultry sector,
Graduation from BVC, Mumbai.
PG from Anand, Gujarat







SHANKAR JAGDALE

Founder
Alumni – PSG Tech,
Ex - L&T, Doosan & Atlas Copco
Worked on Nuclear projects
for BARC, NPCIL, ITER





ABHISHEK K. SINGH
Production



**SATISH MORE**Graphics/Social Media Marketing



JIYA SHAIK
Admin/Accounts





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## PakshiMitra Poultry Technologies Private Limited

+91-9220306060 | info@pakshimitra.com | www.pakshimitra.com 304, Saanvi Apartment, Near Nutan Polytechnic, Talegaon Dabhade, Pune, India-410 507









