

# SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

## Jya Infottech LLP

**Founders:** Siddharth Gupta & Sashi Gupta

**Focus Area:** Mechanization of Farming & Allied Activities

**Email:** jyainfottech@gmail.com

**Location:** Gondia, Maharashtra, India

**Year of Startup Incorporation:** 2019



**JYA INFOTTECH**

### PROBLEM STATEMENT:

- Traditional farming methods are time-consuming, as they rely on manpower and manually operated machines.
- Major operations are manually operated in rural areas of farming such as sowing, weed removal, etc.
- While the rest of the operation is done using manually operated machines such as ploughing, levelling, etc.

### SOLUTION OFFERED:

- EV AgriBoT is an Agriculture specific Robot mechanism that will perform Agriculture field operations simultaneously such as ploughing, sowing, levelling, watering, and fertilizing.
- Operates in automatic or manual mode, which will be controlled using IoT based Android application.

### PRODUCT USP:

- The farmer will get benefits of the product to multiple their productivity as it gives advantages –
  - Larger fields will get ready in a limited time duration.
  - Dependencies on manpower and manual machines will reduce.
  - Multiple cultivations are possible in the year.
  - It will save 45-50% of the cost of farmers spends in farming machinery.

### SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT:

- Improving productivity and yield intensification, minimizing farming losses and encouraging other value-added activities and enhancing rural livelihoods through AgriTech and allied activities.
- The farmer will get benefits to multiple their productivity as it gives advantages – larger field will get ready in a limited time duration, dependencies on manpower and manual machines will reduce and multiple cultivations are possible in the year.



\*Working in 6 States: Punjab, Haryana, Rajasthan, Madhya Pradesh, Gujarat, Maharashtra.

\* as provided by the startup [Data Year 2023-2024]