

Success Stories of Startups

Under RKVY RAFTAAR Scheme

PG Agri Infra Private Limited

Founder: Anujay Rao & Maheshwar Rao

Focus Area: Farm Mechanization

Email: rao.anujay@gmail.com

Mobile: +91 – 70931 99434

Location: Hyderabad, Telangana, India

Year of Startup Incorporation: 2016



In India, farmer faces problem with unavailability and rising costs of farm labor, rising fuel costs, inaccessibility of heavy equipment in small lands along with burden on human efforts for weed removal and spraying.

PG Agri Infra developed FARMBUG-E – an all-electric 4 wheeled self-propelled farm utility vehicle. It is adaptable for all crop maintenance activities such as weeding, spraying, harvesting and material movement.

FARMBUG-E save a minimum cost of Rs. 10,000/- and helps in input cost reduction per acre. It has 22-inch track width, capable of going in between rows. The machine is fully electric, zero fuel costs – battery backup 2-hour 15mins. The machine has attachments such as brush cutter and sprayer to reduce burden of human effort.

It is 5 – 7x faster cutting than manual labor and 2 – 3x faster than power weeders/tillers also 5x cheaper than tractors.



25 acres demo completed



Rs. 10,000 saving /acre



Rs. 40 Lakhs Revenue



150 farmers benefitted