



Cost Effective Hydroponic System

(M/s Setu Agro biotech and Textile Industry: A Start-up Incubated and Financially Supported by CIRCOT R-ABI, Mumbai)



- Novel protocols to grow vegetables at home.
- 99.9% less water usage vis-a-vis conventional farming.
- 25% faster vegetative growth achieved.
- 15% more fruits per plant.
- Low-cost design with less space requirement.
- Easily to install compact design.
- Hygienically grown vegetables.
- ZERO use of Insecticide, Pesticide, Fungicide.



Clean, Healthy, Fresh food for everyone



Vertical Aroponic System

Hydroponic System

Product Range:

Low cost indoor hydroponic system



Experimentally grown Okra and Dill

Incubation Support:

M/s Setu Agro Biotech and Textile Industry have been incubated at CIRCOT- R-ABI under 2nd Cohort of RKVY RAFTAAR scheme and sanctioned grant-in-aid support of Rs 5 lakhs under Uday (Pre-Seed Stage).

The incubation support helped the startup to promote his indoor vegetable growing protocol among farmers and interested stakeholders from different areas of Maharashtra. The CIRCOT R-ABI technological mentoring guided the startup on right track and expand his business idea among stakeholders interested in vegetable growing hydroponics in Maharashtra.



Founder:

Er. Vyomkesh Ramchandra Vhanabatte is a well-educated entrepreneur from Kolhapur, Maharashtra He is M.Tech. in Biotechnology from IIT Kharagpur (2018). He is an Expert in Plant Biotechnology and experienced in plant tissue culture, Currently advises a plant tissue culture company near Nagpur.

He found that Conventional Farms are overly dependent on nature, weather, location, labour so he developed hydroponics is novel technique to grow plants without soil using the mineral nutrient-rich water-based solution.

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