



Development of Solar Cum Electricity Dryer (Hybrid) to Dehydrate Perishable Farm Produce

(M/s Energy Chakra, Nashik: A Start-up Incubated and Financially Supported by CIRCOT R-ABI, Mumbai)



- Solar Cum Electricity dryer (Hybrid) for dehydrates of perishable farm Produces.
- Compact, rust free and designed in such a way that drying materials are not exposed to the outside environment.
- Computerized Systems to Control drying Environment (Temperature and Humidity).
- Vibrating bed drying for uniform and quick drying.
- Not exposed to UV light. Capable to maintain a maximum 75-80°C.
- Provision of Specific moisture-absorbing air filters.
- Cost effective, easy to transport as dryers are detachable
- Suitability to all type of farm produce.

Product Range:

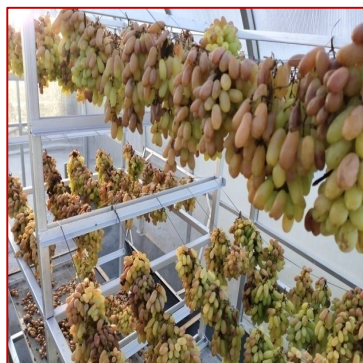
Domestic Solar Dryer, Cabinet Solar Dryers, Tunnel (Dome) Solar Dryer



Domestic Solar Dryer



Cabinet Solar Dryers



Tunnel (Dome) Solar Dryer

Incubation Support:

M/s Energy Chakra has been incubated at CIRCOT- R-ABI under 2nd Cohort of RKVY RAFTAAR scheme and sanctioned as seed-stage funding of Rs 15 lakhs.

The incubation support helped the startup to refine their minimum viable product through technological mentoring and made it more acceptable in the market. The business plan developed with the help of CIRCOT R-ABI experts has put the startup on the correct business path to obtain, desired targets.

Founder:

Er. Sudarshan Ramrao Ghorpade is a compassionate entrepreneur from Nashik, Maharashtra. He is BE Mechanical, Diploma in Software Design and he found that drying systems in the market are very costly and are not affordable, which requires high maintenance. Other systems show variation in color and odour and loss of nutrition values as compared to the natural product. So he developed cost-effective solar dryers in rural areas.

Mobile : 7588012899/9527975623

Email: sudarshan62722@gmail.com



ENERGY CHAKRA



ICAR-Central Institute for Research on Cotton Technology

DARE, Ministry of Agriculture and Farmers Welfare, Govt. of India
Adenwala Road, Matunga, Mumbai, Maharashtra -400019

Tel. 24127273/76, 24184274/75 Fax No. 24130835/24157239 Email: circotrabi@gmail.com, abircot@gmail.com
Website: www.circot.icar.gov.in

Published by: Dr. Sujata Saxena, Director, ICAR-CIRCOT, Mumbai