



# Lysimeter based water management system

(M/s. Green Prosperity Innovations: A Start-up Incubated and Financially Supported by CIRCOT R-ABI, Mumbai)



- Effective solution for surface irrigation system (increased efficiency from 35 to 80%)
- Facilities for scientists for wider-scale experimentation
- User-friendly app gives customized solutions for every user
- Models for high water-guzzling crops viz. Sugarcane, Rice & Banana
- Efficient water management device assisted with soft tools
- Easy to install, operate and maintain
- Longer operational life of the device
- 25% additional area can be irrigated with the same amount of water



## Product Range:

*Lysimeters with price range of Rs 1.5 lakh to Rs 5 lakhs*

## Incubation Support:

M/s. Green Prosperity Innovations has been incubated at CIRCOT- R-ABI under 1st Cohort of RKVY RAFTAAR scheme and sanctioned as Ankur (Seed Stage) Funding Program of Rs 20 lakhs.

The incubation support helped the startup to promote products in the market and the farmers set up the new technology which save the lot of water and solve the problem of watering in less rainy areas. The CIRCOT R-ABI expert's view helped the startup to channel the program on right track and expand the business idea to farmers all over India.



## Founder:

**Dr Prakashkiran Pawar** is a well-educated entrepreneur from, Satara, Maharashtra He is Ph.D. (NRM) and M. Tech. in Irri. and Water Mgt. He is an well experienced in agricultural related problems and irrigation system of plant and other factor which is effect the environment so he developed Lysimeter system for precise and calculated surface irrigation. This system reduces the water consumption up to 80% against traditional irrigation practices. This system comes with an innovative software-based system that helps farmers to use available water resources precisely saving input costs.

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