

# IEDC Team grabs Best Project Award in IGNITE Innovation Challenge 2022



“Krishi Vikas” is a multipurpose solar powered insect pest trap and a farmer-friendly product.



This product developed by a team of Vidya alumni (2017-21 B Tech EEE Batch) consisting of Swathi K Suni, Kevin George, Jincy Jose and Ushas P A under the guidance of Mr Anil M (Nodal Officer – IEDC and Asst Prof, ECE Dept) secured Best Project Award in the IGNITE Innovation Challenge 2022. Mr.Vishnu Rach (Asst Prof, EEE Dept), Mr Sankaran Namboothiri and Mr Ashwin T Surendran (former AP’s in the EEE Dept) coordinated the project. The ceremony for the distribution of certificate was held on 30 July 2022.

## **Krishi Vikas**

Controlling pests can seem like an impossible battle. A pest

trap helps to reduce the usage of pesticides to a large extent. The system is fully automatic and powered by solar energy. The product destroys crop pests and converts the dead pests into organic manure. The fully solar-powered machine can function during daytime as well as nighttime. Dual-type trapping facility is included. Pests are destroyed using high voltage electric energy. A layman can use it easily because of the low current flow. The machine also has the facility to combine these dying pests with organic matter and compost it into organic manure.

The machine is also equipped with a safety feature to protect it from rain. They have set up compartments for storing the belongings of those working in the fields and a mobile phone charge point in the system. It includes an anti-theft system too. The proposed product can reduce the efforts of farmers and provide them with a high yield. The Product does not target beneficial insects like bees etc. In the daytime, pheromone usage helps to target destructive pests in the agricultural fields. So it is an eco-friendly product.

The device is an improvised model of a device that the Vidya alumni had developed as part of their final year B Tech project in Vidya. The team is one among the five winners from 52 colleges across the state and 160 registrations and close to 500 participants. The competition focused on the domains rural well-being, accessibility and inclusion and micro enterprises.

Heartiest congratulations to the winners and  
their mentors



**IGNITE**

**Darsana IGNITE 2022**

## Winner Certificate

Issued on 30 July 2022

*Jincy Jose & Team*

of

*VAST, Thrissur*

has won the best project award for

*Kishi Vikas*

Congratulations from Darsana IGNITE team

Wishing you success in your journey

*Ki*

President  
Darsana

*Jose*

Program Coordinator  
Ignite

*Jay*

General Secretary  
Darsana



Knowledge Partner



Startup Mission



K-DISC



University Partner

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