



Start-ups can apply for FASAL a Centre of Entrepreneurship (CoE) for IoT in Agriculture at Dr. PDKV, Akola

Last date of application 15/10/2021



Dear Startup Aspirants,

FASAL, a Centre of Entrepreneurship (CoE) for IoT in Agriculture established by STPI at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola with specialized state-of-the-art incubation facility and physical laboratories for start-ups in the area of Agri Tech / Smart Agri where the highest-standards and best-practices in terms of infrastructure, technology, leadership, mentoring, training, research & development, funding, networking for the given focus area is made available.

Applications are invited for following problem statements:

Problem Statement

Note: The start-ups having any innovative idea/ prototype / solution in Agri-Tech domain are encouraged to apply for CoE FASAL through this Open Challenge Program. The Sample Problem Statements are given here.

FOCUS AREAS

- ✓ **DIGITAL FARMING** (Develop affordable app-based solution for Soil health monitoring and suggest which crop to be sown based on it. (Technology Bucket: IoT, AI, ML etc.)), Develop app-based solution for Cotton Crop health monitoring and suggest remedial actions.
- ✓ **CROP PROTECTION & MANAGEMENT** (Develop smart & affordable solution to protect crops from wild Animals (Technology Bucket: IoT, UAV, AI, GPS etc.))
- ✓ **FORECASTING USING PREDICTIVE ANALYTICS** (Develop system for predicting potential pest, disease, insect attacks (before at least 15-day & more) on Cotton crop and yield prediction of cotton. (Technology Bucket: Big Data, Cloud computing, Satellite imagery, IoT data (on field sensors), Drone Imagery etc.))
- ✓ **ENHANCING FARMER INCOME IN OFF-SEASONS** (To create affordable IoT based smart hydroponic vertical farming System (Technology Bucket: IoT, AI, GPS etc.))

WHO CAN APPLY

Company Type

The start-up should be incorporated as a

- Private Limited Company (as defined in the Companies Act, 2013) or
- Registered Partnership Firm (Regd. under section 59 of the Partnership Act, 1932) or
- Limited Liability Partnership (under the Liability Partnership Act 2008)

The date of registration/incorporation should not be beyond 10 years.

If a company is not registered, an application may be made in the names of the promoters/founders. However, the promoters/founders must ensure that the company is registered within a period of 3 months from the date of selection for CoE.

Annual Turnover

Start-up should have an annual turnover not exceeding Rs. 100 crore for any of the financial years since its incorporation.

Original Entity

Entity should not have been formed by splitting up or reconstructing an already existing business.

Innovative & Scalable

Entity should be working towards innovation, development or improvement of products, services or processes and should have the potential to generate employment/ create wealth.

Other Terms & Conditions

- a. The start-up has to offer equity upto 3% to STPI/STPINEXT as decided & agreed upon as per operational guidelines.

For application visit www.fasal.stpi.in

**Dr. Suchita V. Gupta,
Principal Investigator,
Centre of Entrepreneurship for IoT in Agriculture,
Dr PDKV, Akola
email: suchitavgupta@yahoo.co.in**