

TECHNOLOGY BUSINESS INCUBATOR @ KONGU ENGINEERING COLLEGE
PERUNDURAI- 638 060, ERODE

NIDHI – PRAYAS

(National Initiative for Developing and Harnessing Innovation - PRomotion and Acceleration of Young and ASpiring innovators and start-ups)

Objectives

To help young and aspiring innovators and to provide support/funding from **idea to prototype**.

Funding Limit & Mode

Upto **Rs.10 lakh** per project/idea as **grant** for ideas into prototype in a **duration of 18 months**

Eligibility

- A. **Individual innovator**: Indian Citizen at least 18 years of age on 1st of August, 2016.
- B. **Team of individual innovator**: There has to be an **agreement among the team** about the **lead applicant** and the **lead applicant have to apply**. The **financial support** (after the selection process) will be **given to the lead applicant on behalf of the team**.
- C. **Existing incubatee** of a PRAYAS centre:-
 - i. The company is **less than 2 years** and wants to **develop the prototype for a new product**, for which they may have **not received similar kind of support**.
 - ii. Company **should have no significant revenue** at the **time of application**.

Areas of Support

The **priority areas** for supporting innovations under NIDHI PRAYAS program are **manufacturing, agriculture, healthcare, clean-tech, energy, water and Internet of Things (IOT) and other technology areas**.

Beneficiary

Name of the Innovators	Title of the Project	Amount Sanctioned	Status of the Project
Mr.C.Karthikeyan	Ferrous Particle Impurity Detection Machines for Gold Jewelry which helps Jewel Manufacturing Companies to automate their testing of jewelry with 80% Less Man-power and better Accuracy to achieve 100% Quality.	Rs.9.85 lakh	Completed
Mr. Suraj Mohan	Wearable Diagnostic Tool is a wearable device to help medical practitioners simultaneously measure various physical health parameters with the ability to store and transfer health data.	Rs.5.55 lakh	In progress

Mr. M. Pradeep	Developing Semi-Automatic Airless Paint Sprayer - is to be designed to eliminate shortage of painters, increase quality of painting the building at any atmospheric conditions with high surface coverage. It helps to achieve low cost painting using various materials. Single phase valve less pump is to be used for constant spray with high power. A Sensor is also used to control the flow of the fluid which also makes the machine more efficient. Various types of application like putty plastering, wall painting, roof coating, white-wash, grouting and filling are feasible. Maintenance is much easier and the cost of the machine will be low when compared to the imported machine.	Rs.9.50 lakh	In progress
Ms.D.Kalaiselvi	SMART Battery Water Refill Alarm IoT based smart battery water refill alarm device to help end users - Home, Office, Colleges, Industries and UPS/Battery distributes with AMC. Using the IoT device the data's may be viewed / monitored in mobile app, web app in a dashboard for effective maintenance of battery.	Rs.9.60 lakh	In progress
Mr.M.Puviyarasan	Industry 4.0: Live and Remote Monitoring (Shop Floor) - Live and Remote Monitoring IIoT Device for reporting of real-time shop floor data using mobile, modular and highly compatible IOT hardware system suitable for production environment	Rs.9.75 lakh	In progress
Mr. M. Deepa	WaterMag - Hybrid Atmospheric Water Generator aims at harnessing potable water from atmospheric air using efficient desiccant absorption and heat separation methods using renewable resource	Rs.9.80 lakh	In progress
Mr. Shriram Thirumalai	UNO an automotive smart device for fuel efficiency - Hyper UNO is an add-on smart device which tries to help drivers adjust their driving style to maximize fuel efficiency, through real-time auditory instructions, customize their vehicle and its engine performance to suit their needs, Constantly monitor the human-in-loop vehicle-driver system to allow optimization of the engine to deliver better drive-ability & fuel economy.	Rs.9.72 lakh	In progress
Mr. Padmanaban A G	Low cost Solar Outdoor Pollution & Environmental monitoring system - Continuous real-time monitoring of indoor and outdoor air pollution using low-cost sensors.	Rs.10.00 lakh	In progress
Mr.N.Santhosh	Tender Coconut Vending Machine - Automated Tender Coconut Vending Machine with integrated IoT for remote & real time monitoring and Cash & Cashless - Digital Payments facilities.	Rs.5.60 lakh	In progress

Mr.A.P.Sasikumar	Multipurpose Bullock Drawn Cultivator - Designing a bullock drawn cultivator for plowing (single/double plow), bed making, weeding and disc plow which can be affordable for small and medium farmers.	Rs.6.00 lakh	In progress
Mr.N.Sunil Vignesh	L-SPoT - A new wearable device which used to detect the voluntary of lumbar spine and intimate the improper sitting position of the person.	Rs.9.40 lakh	In progress
Mr.T.Abuthahir	i-ADVI, an Intelligent Assistive Device for Visually Challenged - i-ADVI is an intelligent navigation device for visually challenged people. This is going to help them in their navigation by providing the classified objects as voice output.	Rs.5.23 lakh	In progress