

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

S.No	Name of the Innovators	Title of the Project	Amount Sanctioned	Status
1	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
2	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	Completed

3	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	Completed
4	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	Completed
5	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	Completed
6	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	Completed
7	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	Completed
8	Mr. Padmanaban	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	Completed

9	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	Completed
10	Mr.A.P.Sasikumar	Multipurpose Bullock Drawn Cultivator - Designing a bullock drawn cultivator for plowing, bed making, weeding and disc plow which can be affordable for small and medium farmers.	Rs.6.00 lakh	Completed
11	Mr. N.Sunil Vignesh	L-SPoT - A wearable IoT device with app used to alert and track the improper sitting position of the person.	Rs.9.40 lakh	In progress
12	Mr.T.Abuthahir	i-ADVI - An intelligent navigation glass for visually challenged people.	Rs.5.23 lakh	In progress
13	Mr.D.Kaushik	iKey - Bluetooth, Wifi & GSM enabled Biometric pad lock with Mobile application for control from remote location.	Rs.9.70 lakh	Completed
14	Mr.R.Karthick	Harvester and Land Preparator (Agrovester) - A tractor operated root crop harvester and land preparatory machine.	Rs.8.50 lakh	In progress
15	Mr.V.Manikandan	REFIL - Grocery order automation using smart containers.	Rs.10.00 lakh	In progress
16	Ms.Pavithra Naveen	Machinery for preparing 'Ready to cook Banana Stem' - Complete machinery for 'Ready to Cook' Banana stem. By feeding banana stem core and get ready to cook sliced, diced and fiber removed banana stem.	Rs.5.30 lakh	Completed
17	Mr.M.Kavin Kishore	Lapwing (Wild Animal Monitoring and Warning System) - The wild animal (elephant) activity and intrusion at the fringes of the forest is to be tracked and provide warning alerts to the responsible forest authority and neighboring locals.	Rs.7.00 lakh	In progress
18	Mr.M.Arunkumar	Design and development of multi-functional geometric tools - A multi-model and multifunctional ruler and protractor tool with the ability to form and scale a near infinite number of geometric shapes.	Rs.4.00 lakh	In progress