

## **Agriculture & Allied areas category: 1 award**

### **1. Startup: SNRAS System Pvt. Ltd. (Mr. Suvadeep Sarkar, Founder & CTO)**

#### **Product - Bluebox - A cost effective recirculatory aquaculture technology**

Bluebox is a Nano aquaculture system which is a power efficient single unit Recirculatory aquaculture system consuming only 900 square feet of area having ability to produce up-to 80 kg per meter cube. It offers 30x more productivity and 4x reduction of mortality in aquaculture.

The startup has received several awards & recognitions as well as an order from Bank of Baroda of worth 4m USD for 60 systems in Sangli, Maharashtra.

## **Medical devices & diagnostics category: 2 Awards**

### **1. Startup: InnAccel technologies Pvt Ltd. (Mr. Siraj Dhanani, Co-founder & CEO)**

#### **Product - Neonatal CPAP**

InnAccel is a start-up driving indigenous innovation in MedTech. Over the last 5 years, startup has developed a portfolio of innovative products across Critical care, and Maternal and child care.

- Saans is world's 1st infrastructure independent, portable, easy to use, neonatal CPAP device, which can be used both in hospital and in transport settings.
- Fetal Lite is a next-gen f-ECG based FHR monitor that accurately identifies cases of fetal distress in clinical and non-clinical remote/in-home settings
- Saans Pro is a novel CPAP and HFNC system for COVID-19 patients iv VAPC are the world's first intelligent, automated, and closed-loop secretion and oral hygiene management system for ventilated ICU patients
- Saans CPAP helmet is a novel CPAP helmet interface to prevent cross-infection of nursing staff in COVID-19

### **2. Startup: Test Right Nanosystems (Mr. ShubhamRathore, Founder & CEO)**

#### **Product: Portable Raman Spectrometer**

The device provides Multiple Excitation Laser Modules, On-site Analysis, Real time Analysis Options: Probe based/ free space/ microscope coupled. It is a portable probe system and requires single-hand operation.

Test Right focuses on developing import substitutes.

- Portable spectrophotometer has widespread application in diagnostics and water testing applications. On field Sickle Cell Anemia testing with Shanmukha Innovations IISc Bangalore startup is one of many such examples. Portable Raman spectrometer is being

evaluated by Punjab Police to be used as Narcotics Detector to curb the menace of rampant addiction in the state. Another version of Raman device monitors the processes in a reaction tank of pharma drug or chemical and thus helps in improving the understanding and quality of the drug.