



Social Impact Report 2022

Foreword



KIIT TBI, over the years, has made a concerted effort to work towards fulfilling its mandate of “Empowering and Enabling the Innovation Ecosystem”, and has supported more than 350+ Startups Supported, 170+ Patents Filed, more than 250+ Products and Technologies Reaching Commercialization and Startups Raised 13 billion+ in Private Investments.

The milestones achieved are due to the strong support from the Government of India including, DST, DBT, BIRAC, TDB, MSME, Meity, Invest India, Startup India, Startup Odisha, and the strong relationships that we built along this journey with the entire innovation community, our academia partners, investors, especially our innovators who have partnered with us as they sail through their entrepreneurship journey.

This is KIIT-TBI’s first Social Innovation Impact Report and represents our commitment to transparency, accountability, performance and social responsibility.

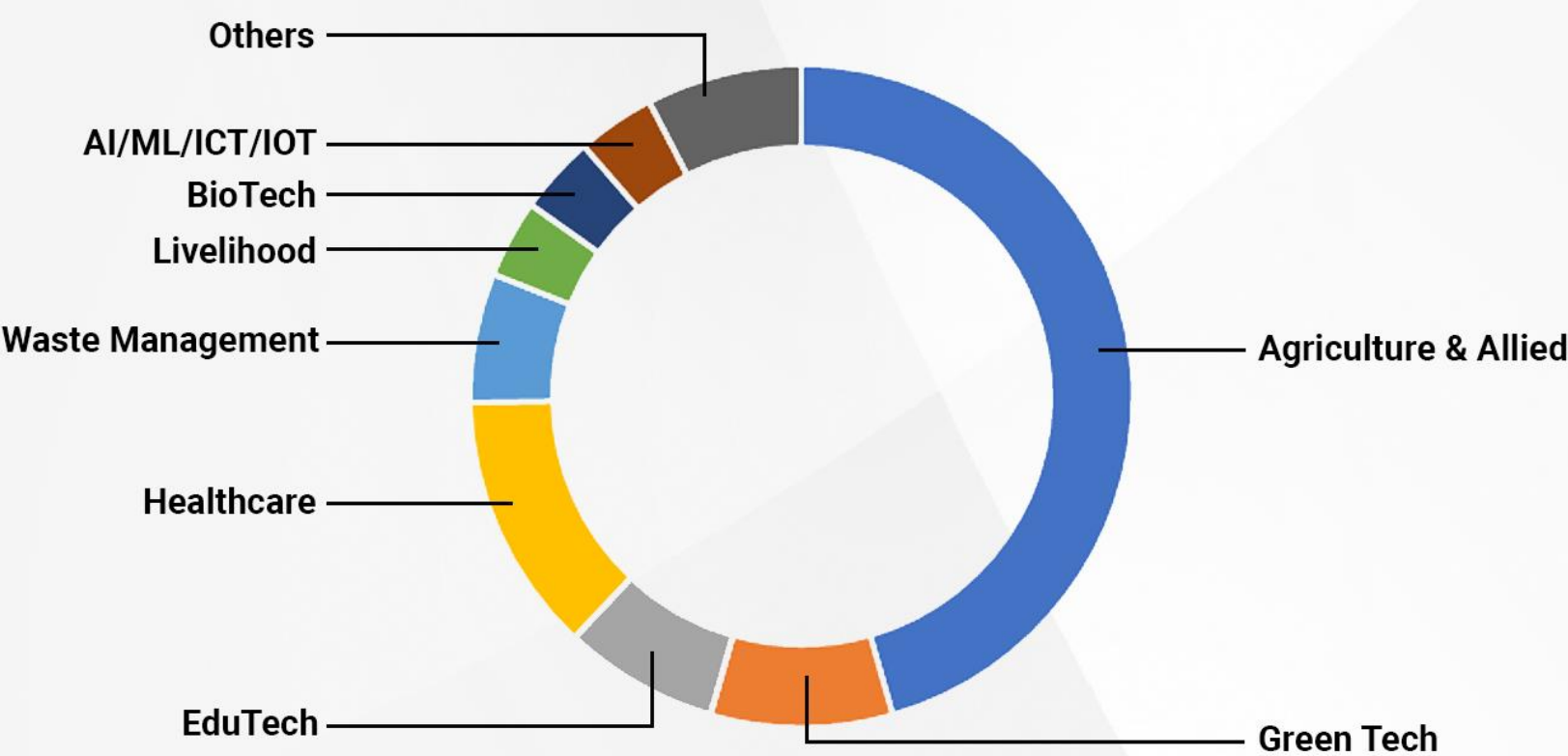
It outlines and reflects on the impact of KIIT-TBI’s programs and achievements, focussing on environmental and social impacts. The report highlights the various programs conducted by KIIT-TBI with a specific focus on our association with Startup India. In each of these areas we have been fortunate to have been associated with amazing start-ups, innovators, entrepreneurs and ecosystem partners.

In future years, we will widen the assurance scope of this report to include further key performance data. This gives our stakeholders the opportunity to compare our year-on-year performance. It also accounts for our progress against our long-standing commitments. This report helps describe how we continue to deliver, over and above the expectations of our partners.

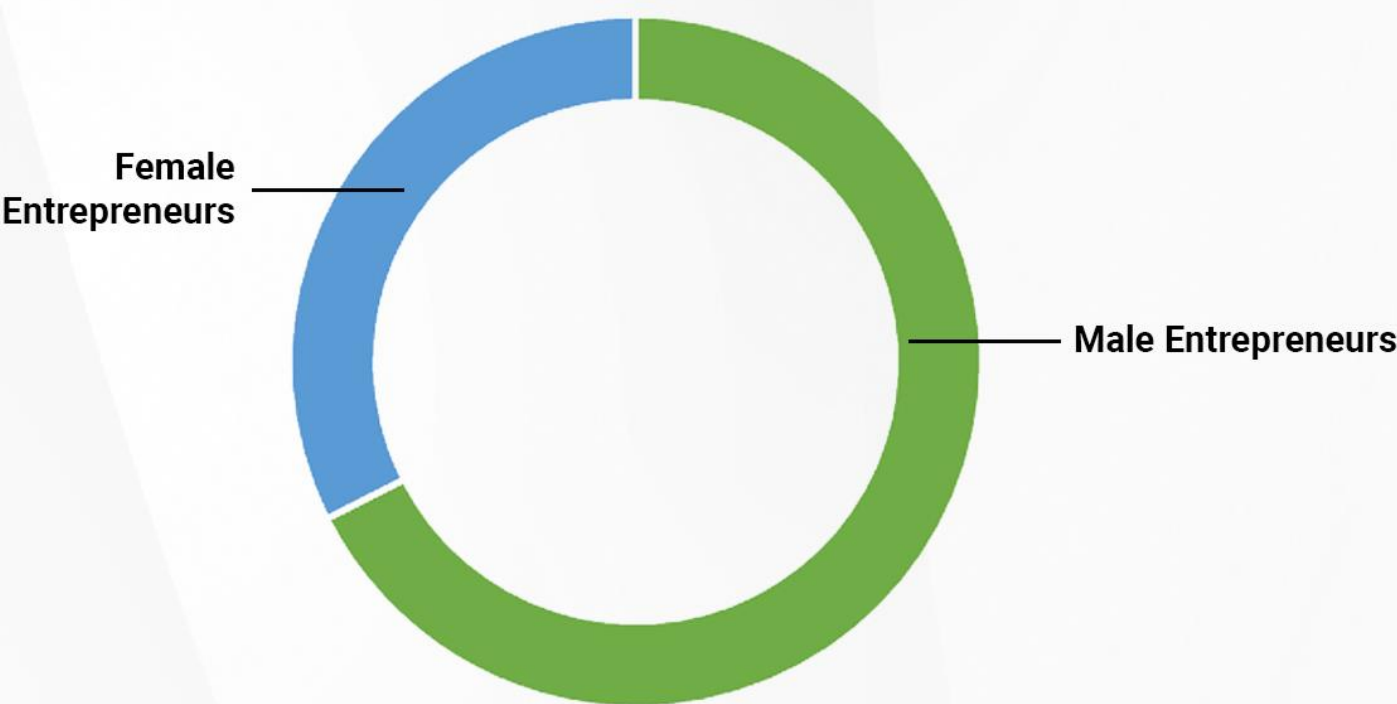
KIIT-Technology Business Incubator has been promoting innovations and entrepreneurship in the country for more than a decade, and KIIT-TBI now has evolved into a potential center of relevance and excellence in the eastern and northeastern part of India. KIIT TBI offers a conducive ecosystem to promote the innovation capacity of the startups/ SMEs and enable them to create new technology-based products and markets leading to job creation and thus strengthening the regional and national economy.

Social Impact @ a Glance

Supported Sectors



Gender Parity



₹1,35,99,00,000

Funding Mobilized and Generated

Startups Supported | 77

New Ideas Generated | 61

Ecosystem Building Workshops | 82

Ecosystem Collaborations | 37

States Covered | 13

Lives Transformed | 3000+

Our Programs @ a Glance

Social Innovation



C-Live

Pre-Incubation Program for Agripreneurs



MOSJE & IFCI

Ambedkar Social Innovation Incubation Mission (ASIIM)

HDFC Bank



HDFC Parivartan SmartUp Grant



Start-up India

WING

Agriculture Grand Challenge Program

National Jal Jeevan Mission

Animal Husbandry & Dairying Grand Challenge 2.0

National Jal Jeevan Mission Innovation Challenge



The Innovation Challenge to Develop Portable Device for Water Quality Testing was launched in December 2020 by National Jal Jeevan Mission with a vision to facilitate and empower people to test drinking water quality in their homes and assure the potability of water through the devices prepared under the ambit of this program.

The program was implemented by Invest India with KIIT-Technology Business Incubator as the Incubation Partner for product development.

Funds Mobilized

₹1,35,000

Follow-On Funding

₹9,80,000

9

Technologies Supported

3

Products Commercialized

5

IP Generated

National Jal Jeevan Mission Innovation - Startups



Elico Ltd.

KVSN Raju

E-Jal Mini (PE-145 & PE-148)



Earthface Annalytics

Soumya Bikash Sen

Padmavati and Padma Bio



Padmaseetha Technologies

Gowrishankar Uppuluru

Jalavimalata



EyeNetAqua Solutions

Kamalesh Chaudhuri

Digital Field Testing Kit



Biomimicry Technologies

Bhim Pandey

Neela Taral



Hueristic Devices

Samuel Rajkumar

HD Flip - Water testing device



Plasti Surge Industries

Kamalesh Daga

Jal Prayogshala water quality testing



Fabetto Ecotech

Anil Sharma

Water Quality Testing Device



Cluix LLP

Robin Singh

Cluix: Water Quality Analyzer

ASIIM Program

Ambedkar Social Innovation and Incubation Mission (ASIIM)", a Govt. of India MOSJE & IFCI Program Initiative to support, promote, hand-hold the start-up ideas of SC entrepreneurs giving them a dynamic and a very diverse ecosystem as well as support to work on their startup.

About 15 SC entrepreneurs have been associated with us till now and have been doing excellent.

Funds Mobilized

₹4,50,35,000

Follow-On Funding

₹6,92,80,000



Department of Social Justice & Empowerment
Ministry of Social Justice & Empowerment
Government of India



15

Technologies Supported

5

Products Commercialized

3

IP Generated

ASIIM Startups



Startup Name: Aether Innovation

Founder: Satyabrata Jena

Product/Service: Electric domestic appliances parts and accessories, manufacturing.



Startup Name: Advance Design & Analysis Solutions

Founder: Chittaranjan Sethi

Product/Service: Research and experimental development on natural sciences & engineering.



Startup Name: Net 4 U

Founder: Sadhuram Chatriya

Product/Service: Service provide- solve traditional network problems for speed & scalability.



Startup Name: H2M Food & Beverages

Founder: Santosh Khemendu

Product/Service: "Indigenous Food from Sustainable Ingredients for Extraordinary Outcomes".



Startup Name: SMPS Electric

Founder: Subhakanta Behera

Product/Service: Power electronics products.



Startup Name: Coshal Unfolding Artistry

Founder: Ankesh Banjare

Product/Service: Decorative Items & Candle Holder Manufacturer.

ASIIM Startups



Startup Name: Crop Defender
Founder: Sumit Kumar Jatwar
Product/Service: Sustainable pest control service



Startup Name: DocBot
Founder: Mandar kamble /Ronit Nandeshwar
Product/Service: Doctor Consultancy services.



Startup Name: Amahir Paints & Chemicals Pvt Ltd
Founder: Amahir Paints
Product/Service: Manufacture of chemical products.



Startup Name: Vertox Labs Pvt Ltd
Founder: Vertox Labs
Product/Service: VertoX Labs is working in the domain of waste to wealth sector to create a circular economy - minimizing waste generation.



Startup Name: Yogita Farming
Founder: Yogita Farming
Product/Service: Organic Farming Production.

HDFC SmartUp Grant



SmartUp Grants by HDFC Bank are part of a larger effort to create an ecosystem to nurture the spirit of innovation and enterprise in the start-up space. It is an extension of HDFC Bank's SmartUp Solution which offers tailor-made banking and advisory solutions to entrepreneurs.

KIIT-TBI is among 9 Incubators selected by HDFC Bank as ecosystem partners for the Program.

Funds Mobilized

₹1,86,00,000

Follow-On Funding

₹5,66,00,000

10

Technologies Supported

3

Women Led Startups

7

Products Commercialized

10

IP Generated

HDFC SmartUp Grant



Startup Name: Innolat Technologies
Founder: Tushar kant Vadera
Product/Service: E-Learning Provider.



Startup Name: Terracroft Agritech
Founder: Vaibhav Thacker
Product/Service: Smart Agri robot to assist small & medium-sized farmowners.



Startup Name: Rechakr Solutions
Founder: Shailaja Rangarajan
Product/Service: Upcycled products



Startup Name: Rassaa Creations & Innovations
Founder: Sagar Channa
Product/Service: Unique Pinewood Home Decor Products.



Startup Name: Thoomri
Founder: Rakesh Parida
Product/Service: Handloom and handicraft manufacturing e-commerce website.

HDFC SmartUp Grant



Startup Name: Rusicaa
Founder: Doman Tudu
Product/Service: Indigenous-owned fashion and accessories brand.



Startup Name: Nexus Power
Founder: Nishita Baliarsingh
Product/Service: Fast charging rechargeable batteries from crop residue.



Startup Name: Forestica Booty
Founder: Sanjeev kumar Singh
Product/Service: Indigenous Forest Products



Startup Name: Manikstu Agro
Founder: Jayanti Mahapatra & Biren Sahoo
Product/Service: Goat farming.



Startup Name: Lal-10 Pvt Ltd
Founder: Maneet M. Gohil
Product/Service: Marketplace helping international buyers source authentic products from reliable and verified Indian MSMEs.

C-Live Program



C-Live was a 4-month structured virtual capacity building program for supporting startups that are working in the livelihood space. KIIT-TBI with support of investor partner Upaya Social Ventures ,Social alpha, Let's Venture and with ecosystem partners: Startup Odisha and CSL kick started this program in November 2020.

The program was uniquely designed with the entry-level and exit-level investor exposure opportunities to enhance their growth path and structured progress mapping. 12 selected startups from pan India were engaged in the 4 month extensive and very interacting cohort learning about the 4 focused area i.e. Operations, Marketing, Financial Management and Roulette of funding.

Follow-On Funding

₹1,33,30,000

11

Technologies Supported

1

Women Led Startups

11

Products Commercialized

27

IP Generated

C-Live Startups



Startup Name: Bariflo Labs
Founder: Mrutyunjaya Sahu
Product/Service: Aquafarming



Startup Name: Vedam Agro Enterprises
Founder: Kshetrimayum Vedmani Devi
Product/Service: Manufacturer of spices, fruit juice & oyster mushroom.



Startup Name: Plashbot Technologies
Founder: Vishal Poddar
Product/Service: Technological solutions related to surface water bodies for improving transportation, navigation



Startup Name: Padcare
Founder: Ajinkya Dhariya
Product/Service: Sustainable sanitation technology



Startup Name: Skillskonnnect Global
Founder: Dhiraj Ahuja
Product/Service: Retail Network for supplying candidates for employment and strengthening the network for Job Seekers.



Startup Name: Greengine Environmental Technologies
Founder: Nitin Srivastava
Product/Service: Environmental services and product company

C-Live Startups



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Startup Name: Plashbot Technologies
Founder: Vishal Poddar
Product/Service: Technological solutions related to surface water bodies for improving transportation, navigation



Startup Name: Villa Mart
Founder: Ramesh Chandra Biswal
Product/Service: Agricultural Services



Startup Name: Padcare
Founder: Ajinkya Dhariya
Product/Service: Sustainable sanitation technology



Startup Name: Skillskonnnect Global
Founder: Dhiraj Ahuja
Product/Service: Retail Network for supplying candidates for employment and strengthening the network for Job Seekers.




Startup Name: Greengine Environmental Technologies
Founder: Nitin Srivastava
Product/Service: Environmental services and product company

Pre-Incubation Program for Agripreneurs

The Pre Incubation Mentoring Program for Agripreneurs was launched by KIIT-Technology Business Incubator in collaboration with NABARD - National bank for Agriculture and Rural Development, BAYER AG and Samunnati Financial Intermediation and Services.


It was a power packed session of 30 hours spread across 45 days along with 5 doubt clearing sessions. The program was launched on 29th October 2021 by Dr. Mrutyunjay Suar , CEO KIIT-TBI and DR. Nisith Parida, Director, KIIT School of Rural Management

30
Ideas generated




Metric	Value
Ideas generated	30

5
Total States Covered



Metric	Value
Total States Covered	5

5
Collaborations




Metric	Value
Collaborations	5

150
Total Lives Impacted



Metric	Value
Total Lives Impacted	150

14
Knowledge Sessions



Metric	Value
Knowledge Sessions	14

WING - Women Rise Together

WING is a capacity development program designed by Startup India DPIIT, Ministry of commerce and industry , Gol for aspiring and budding women entrepreneurs.

The program aims to support by training them, providing mentorship support and an opportunity to present their startups to the stakeholder of the startup ecosystem. The program focused on 6 states across eastern India conducting about 30 capacity building workshops.



6

Total States Covered



30

Collaborations



21

Ideas generated



1200

Total Lives Impacted



30

Workshops

Agriculture Grand Challenge

KIIT TBI organized the third meet up for Agristartups under Agriculture Grand Challenge Program by Invest India and Ministry of Agriculture, Govt.

The startups were introduced as dedicated one on one to the pool of mentors from Grameen Impact Investment, Ananya Finance, Samunnati, Caspian Impact Investment Fund, Plataforma Capital and Social Alpha. The program aims to support startups solving key challenges faced by Indian farmers.

3

Startups Impacted



Support Provided

▼ Incubation Support

▼ IP Support

▼ Business & Technical Mentorship

▼ Investor Connects

▼ Market Connects

10

Technologies Supported



Funds Mobilized

₹ 37,00,000

Agriculture Grand Challenge Startups

The logo for Pradwan Technologies, featuring the word "pradwan" in a stylized orange font.

Startup Name: Pradwan Technologies
Founder: Shankar Bhardwaj
Product/Service: Farmsurge is a digital platform which connects farmers directly to agri inputs.

The logo for GreenDay, featuring the word "GreenDay" in green and brown, with "Kisan ki Dukan" written below it.

Startup Name: Greenday - Kisan Ki Dukan
Founder: Prateek Rastogi
Product/Service: Greenday has developed a unique IT enabled online purchase and home delivery.

The logo for Samudra Network, featuring a colorful circular emblem with a water drop shape and the text "samudra NETWORK" below it.

Startup Name: Samudra Network
Founder: Rajiv Bhatia
Product/Service: Rajiv Bhatia's solution "Bachat" digitally captures information on farmers.

The logo for Woolly Farms, featuring a green sheep icon and the text "woollyfarms" below it.

Startup Name: Woolly Farms
Founder: Nithun
Product/Service: Woolly Farms has created a platform which enables clusters of digital rooftop farms.

The logo for Roshni Agri Info System, featuring a stylized orange and green graphic with the text "रोशनी किसान सहायक" below it.

Startup Name: Roshni Agri Info System
Founder: Rajeev Tomer
Product/Service: Digital AgriClinic is a personalized- Agri Expert System serving as Farmer's One Stop Solution.

Agriculture Grand Challenge Startups

The logo for Vasudhaika Software, featuring the word "vasudhaika" in a stylized, lowercase font with a circular graphic element to its left.

Startup Name: Vasudhaika Software

Founder: Sreekanth Voletti

Product/Service: Kalgudi connects farmers, traders, input dealers, logistics providers, academia, market yards.



Startup Name: AgriApp

Founder: Tejaswini M

Product/Service: AgriApp has developed a price forecasting model which considers.

The logo for RandomTrees, featuring a stylized 'R' and the text "RANDOMTREES DATA & AI INNOVATIONS".

Startup Name: RandomTrees

Founder: Radhika Pali Setti

Product/Service: Random Trees' price forecasting business model works on a model for farmers



Startup Name: ATGC Biotech

Founder: Dr. Burla Sashidhar

Product/Service: ATGC technologies are essentially a preventive in nature that restricts breeding of insects.



Startup Name: TRITHI Robotics

Founder: Sanjana

Product/Service: TRITHI Robotics provide end to end crop management to farmers.

Animal Husbandry & Dairying Grand Challenge 2.0

Startup India and Department of Animal Husbandry & Dairying launched the second edition of 'Animal Husbandry Startup Grand Challenge', to scout for innovative and commercially viable solutions to address the problems faced by the animal husbandry and dairy sector.

In order to execute the incubation and other operational tasks with an aim to provide incubation support to Startups selected through the 'Animal Husbandry Startup Grand Challenge 2.0' Startup India selected KIIT-TBI in 2022 to provide 12 Month Incubation cum Acceleration Support to 10 selected startups addressing 5 unique problem statements.

3

Products Commercialized

5

IP Generated

10

Technologies Supported

2

Women Led Startups

Funds Mobilized

₹ 85,00,000

Follow-on-Funding

₹ 1,51,00,000

TRAILBLAZERS

Nexus Power

Founder: Nishita Baliarsingh



Innovation: The proprietary battery technology from Nexus uses bio-organic nano-materials with unique fast regenerative properties. The concepts of Bio-Mimicry and Industrial Ecology form the development structure of the battery, and give the bio-degradable nature to both the electrodes and the electrolyte. The batteries are designed with a patented combination of parallel and series circuit arrangement for the cells in the pack. The arrangement allows adequate levels of current flow and voltage, enabling the fast charge mechanism.

Achievements:

- ▶ Best Sustainable Enterprise, Enterprise Business Awards 2019
- ▶ Best Enterprise - Innovation, OASME, 2019
- ▶ Innovative Enterprise of the Year, CII Yi Innovation Startup Expo, 2019
- ▶ 300+ Buyers
- ▶ 100+ Jobs Created

Manikstu

Founder: Jayanti Mahapatra



Innovation: By institutionalizing the sector and bringing in rural goat farmers, Manikstu will primarily focus on the overall improvement of the goat sector through the following factors: goat nutrition and improvement, health improvements and prevention of diseases, and the practices of breeding and genetics. By bringing social change into the region of Odisha via the workforce, Manikstu can work to establish this region as a food processing and animal husbandry corridor, attracting other farmers and thus creating more jobs for the rural poor.

Achievements:

- ▶ TOP 5 Startup in Odisha Starup Carnival 2022
- ▶ Top 10 Startup in Fundstact 2.0
- ▶ Agri Sector award by OCF
- ▶ Agri Sector award by Otv Citizenship Award
- ▶ INVENT Fund Recipient from DFID

Flixdrop



Founders: Dharmendra Kumar Uttiya Mukherhee

Innovation: Flixdrop is revolutionizing the milk yield by 2X for Dairy farms with the help 'A cattle neck mounted Smart Collar' that tracks biological changes in the animal body 24/7 thru of AI/ML driven Data Analytics and automatically generates actionable alerts on Heat, Health, Nutrition etc. for the dairy owners/farmers. It also provides Digital Dairy Management Software called DMS

Achievements:

- ▶ Startup India (Govt.) Grand challenge Winner 2022
- ▶ BIRAC BIG Grant - 2022
- ▶ Partnership with NDRI"

MachPhy

Founder: Pradeep Rout



Innovation: To revolutionize and disrupt the cold storage and cold supply chain by providing state-of-art affordable-value-centric technological solutions with an increasing need for sustainable cold storage alternatives in last-mile delivery, storage/warehousing and transportation.

Achievements:

- ▶ 2 Patented Products
- ▶ \$130,000 Funding Received
- ▶ 10+ Successful Pilot Projects

TRAILBLAZERS

Elico



Founder: KVSN Raju

Innovation: Elico Ltd. has developed an integrated water testing solution that has pre-programmed water methods for a range of parameters with built-in battery. The e-Jal mini is segregated into three models: e-Jal mini (PE-145) tests color, total hardness, free residual chlorine, turbidity and TSS. e- Jal mini (PE-148) detects Ammonia, Nitrate, Chromium and Phosphate. The last model is to test pH and TDS.

Achievements:

- ▶ Winners Jal Jeevan Mission
- ▶ Device validated at NABL labs and State water testing labs
- ▶ Field Testing Complete
- ▶ GeM onboarding complete

Cluix



Founder: Robin Singh

Innovation: CLUIX C011 is a Pre-Calibrated hand-held Digital Water Quality analyzer that can detect 8 critical parameters of drinking water as per IS 10500 using colorimetry, potentiometry, conductivity, and nephelometry. The device is IoT enabled and can share testing data with GPS coordinates with the organisation's central server for monitoring.

Achievements:

- ▶ Winners Jal Jeevan Mission
- ▶ Device validated at NABL labs and State water testing labs
- ▶ Field Testing Complete
- ▶ GeM onboarding complete

MedTel Healthcare



Founders: Dr Lalit Ranjan Manik, Dr Timiresh Das, Mr Ajit Choudhury, Dr Soumyakant Das

Innovation: MedTel iLab – Door set-up check-ups & virtual care solutions through 20+ portable devices covering 60+ parameters for the under-served area with complete as well as customized solutions. Chronic Diseases iLab; Pregnancy iLab; MedTel iRPM – Remote Patient Monitoring & digital therapeutics solutions for personalized care. Diabetes iRPM; Pregnancy iRPM; Hypertension iRPM.

Achievements:

- ▶ “Top 100 HealthTech Startup” in Southeast Asia 2022 – Holon IQ
- ▶ Award for “Connected Care startup in India” by the Ambassador of Ecuador
- ▶ “Pride of Odisha Award”– Make in Odisha Conclave 2018

Lahre Spectrum Agro

Founder: Ramlal Lahre

Innovation: LSAPL would be an ‘ecosystem creator’ through manufacturing and providing services together farmers/suppliers, local buyers, MR and agents on the sector of therapeutics, with a manufacturer and service provider for each stakeholder, including listing farmers/suppliers and rating them, taking orders for the farmers/suppliers by buyers, fulfilling orders through our herbal and natural products.

Achievements:

- ▶ National Innovative farmer 2020 , ICAR.
- ▶ Gold Medal. Chhattisgarh MSME resilience Award, NIDHI-EIR."



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