



25 Silver
Jubilee
Years 1997-2022
SOIL TO SILVER



12
Years
Journey
Towards
Excellence

Building on KIIT-TBI's Sustainable Technology Ecosystem for Digital India

IMPACT REPORT

SUPPORTED BY

**MINISTRY OF ELECTRONICS AND
INFORMATION TECHNOLOGY**



इलेक्ट्रॉनिक्स एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY





FOREWORD

KIIT TBI acknowledges the unconditional support of MeitY, GOI, for providing all support to promote sustainable growth of the Electronics and IT industries in Odisha, which is currently growing into a holistic ecosystem to strengthen the electronics Digital Innovation in Odisha as well as PAN India.

Implementing the flagship programs of MeitY including TIDE 2.0, TIDE Scale up Fund, SAMRIDH accelerator schemes has played an anchoring role for KIIT TBI to support and strengthen its technology-led innovations in the sector of IT & Electronics.

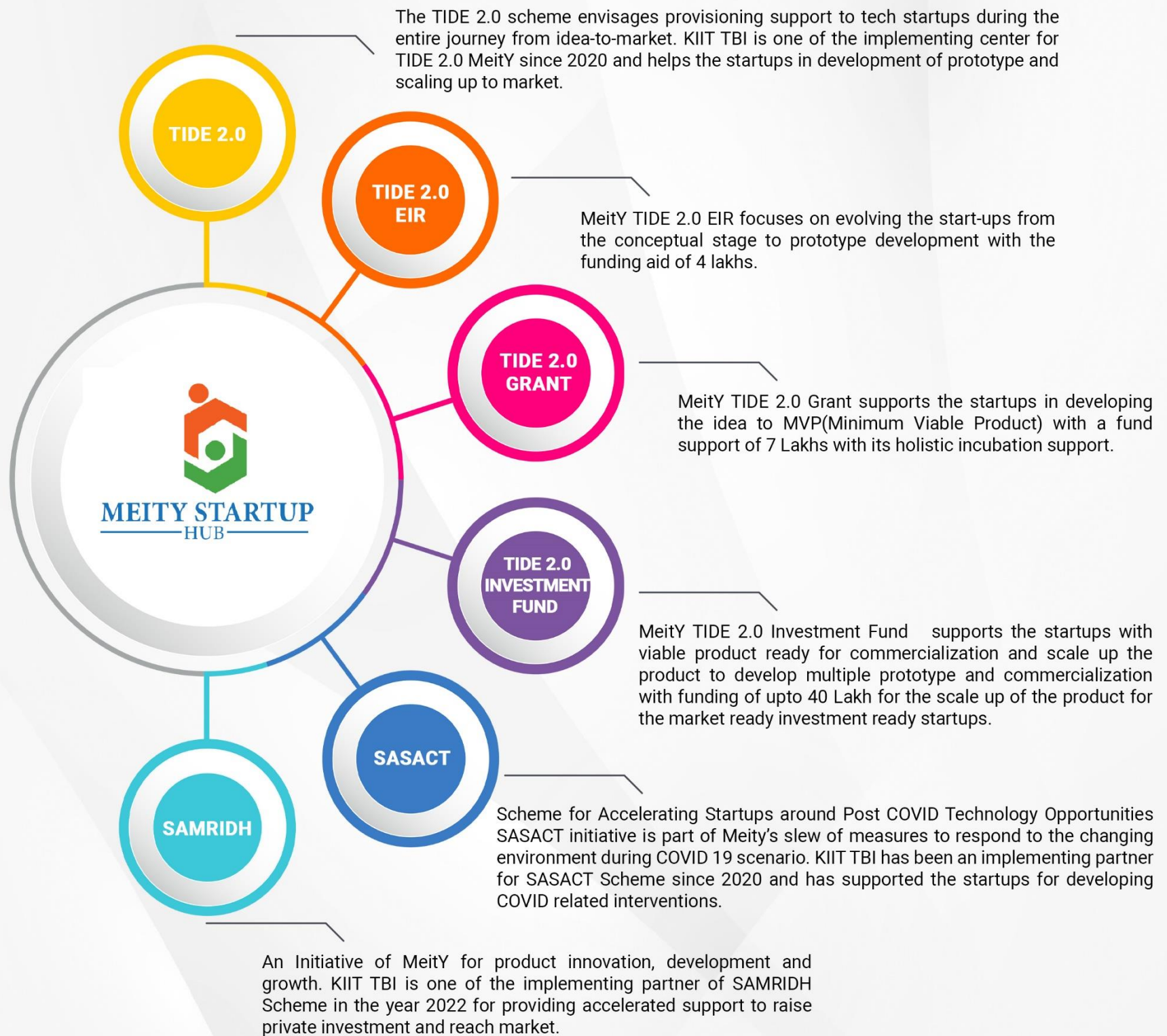
Particularly, the TIDE 2.0 EIR and Grant have been instrumental in encouraging early-stage innovative concepts that are inching ahead toward validation and commercialization. So far 15 innovations have been supported under these schemes, out of which multiple have raised private investment worth INR 10 Cr +.

With the kind support of MeitY, so far 10 startups have been supported under the SASACT scheme who have launched their products in the market and has raised external investment worth INR 48 Cr.

KIIT TBI has also partnered with MeitY for the implementation of SASACT scheme which is a special drive program to support electronics hardware/ ICT based tech startups for developing or re-purposing COVID-19ogies, tools, systems, and solutions to respond to the post COVID-19 scenario with action areas identified as smart/ digital manufacturing including 3D printing, Digital health/ Medtech, Edutech, Fintech, Work from Home (WFH) and other solutions. Under the recently launched SAMRIDH accelerator scheme, KIIT TBI has onboarded 14 startups.

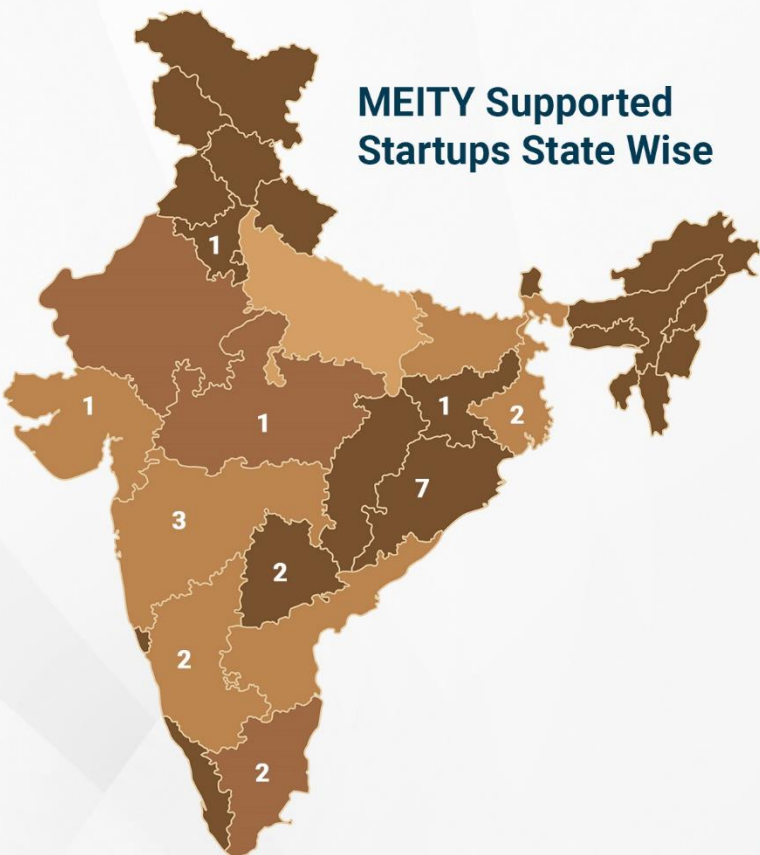
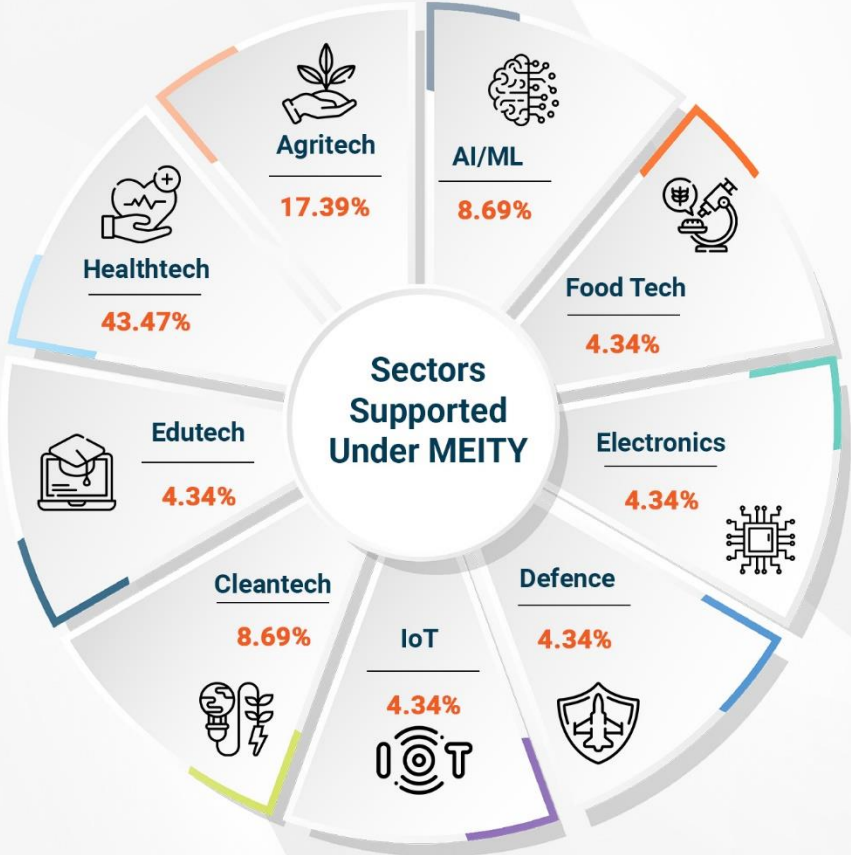
We are hopeful with the plethora of funding opportunities from Meity , and support to startups, India is rapidly accelerating towards achieving the " Make in India", "Atmanirbhar Bharat", " Digital India" .

THE ECOSYSTEM AT A GLANCE

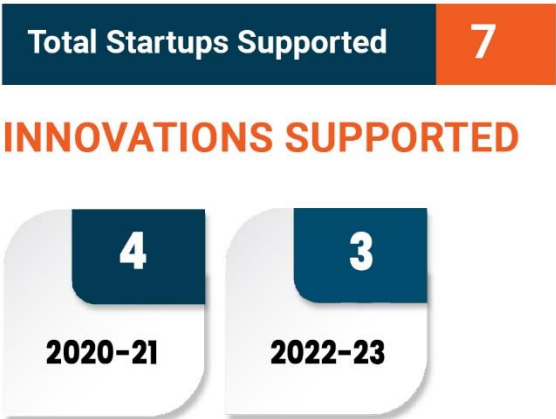


EVOLUTION OF ICT AND ELECTRONICS STARTUP PORTFOLIO AT KIIT TBI

Impact Created & Continues to Expand Supported by MeitY, GoI



MeitY TIDE 2.0 ENTREPRENEUR IN RESIDENCE (EIR)



MeitY TIDE 2.0 EIR SUPPORTED STARTUPS @KIIT TBI

Startup Name: lvi alpha Pvt Ltd
Innovation: In Ear Wearable Health & Cranial Impact Trauma Monitor with Two-Way Communicator and Location Tracker.
YOI: 2020

Startup Name: Felis leo ventures
Innovation: Fast charge rechargeable bio-organic and bio-degradable batteries from Crop Residue (Proteins).
YOI: 2020

Startup Name: Jan Elaaj Healthcare Pvt Ltd
Innovation: An organised, foolproof, encrypted AI based framework, for diagnosis and monitoring of mental health disorders using sensors and audio-visual techniques to promote early detection of mental health risks through preventive screening
YOI: 2020

Startup Name: Rewoke Technologies Pvt Ltd
Innovation: HelloIndia - Online Platform for Live Virtual Education
YOI: 2020

Startup Name: UNG Technologies Private Limited
Innovation: BluPower MVP Manufacturing and Lab Testing
YOI: 2020

Startup Name: VertoX Labs Private Limited
Innovation: Integrating machine vision & LORA to develop trash cleaning device
YOI: 2022

Startup Name: Ayudyog Pvt Ltd
Innovation: Development of AI based portable Raman spectrometer IoT with Blockchain traceability for in-situ quality estimation of black pepper.
YOI: 2022

MeitY TIDE 2.0 GRANT SCHEME



MeitY TIDE 2.0 GRANT SUPPORTED STARTUPS @KIIT TBI

- Startup Name:** Bariflo labs pvt ltd
Innovation: AI-IOT based multipurpose sediment level dispenser for inland shrimp aquaculture
YOI: 2020

Startup Name: Tfarms pvt ltd
Innovation: Revolutionary Farm-The REVOT is an IOT and AI based farming technology which primarily integrates the hydroponic or aquaponic farm
YOI: 2020

Startup Name: Larkai Innovations Pvt Ltd
Innovation: CardioTrack - A handheld cardiac abnormalities screening device based on acoustics
YOI: 2020

Startup Name: Calidad Healthcare Pvt Ltd
Innovation: Telehealth Platform for guided medical examinations
YOI: 2021

- Startup Name:** Water n Spices Foodz Pvt Ltd
Innovation: Automatic Dispensing Machine , IoT enabled with remote access for Touchless operating by mobile app
YOI: 2021

Startup Name: Arishti CyberTech Private Limited
Innovation: Message Me (MeMe) – An Enterprise Secure Messaging Platform for Sensitive Communications using Quantum Cryptography and AI.
YOI: 2021

Startup Name: Obenbio Innovations Private Limited
Innovation: A myoelectric hand which can sense the EMG signal.
YOI: 2021

Startup Name: Enhanced Innovation Pvt Ltd
Innovation: Development and commercialisation of smart precision active refrigeration for healthcare
YOI: 2022

MeitY TIDE 2.0 SCALE UP INVESTMENT FUND



MeitY TIDE 2.0 SCALE UP INVESTMENT FUND SUPPORTED STARTUPS @KIIT TBI

Startup Name: Tan90 Thermal Pvt Ltd
Innovation: Portable Cold Storages with Proprietary Thermal Batteries to combat post Harvest Losses.
YOI: 2022

Startup Name: Bariflo labs Pvt Ltd
Innovation: AI-IOT based multipurpose sediment level dispenser for inland shrimp aquaculture
YOI: 2022

Startup Name: Minion Labs Pvt Ltd
Innovation: Minion - The World's Smallest Energy Auditor with Machine Learning and AI- Based EDGE Computing approach to detect energy signatures of individual electrical assets and study patterns of their energy consumption.
YOI: 2021

MeitY SCHEME FOR ACCELERATING STARTUPS AROUND POST COVID TECHNOLOGY OPPORTUNITIES (SASACT)



MeitY SASACT SUPPORTED STARTUPS @KIIT TBI

Startup Name: EzeRx Health Tech Pvt Ltd

Innovation: EzeCheck: A non-invasive portable device which can measure temperature, detect anaemia, predict liver and lungs problems within less than 5 seconds and without taking a single drop of blood from the human body.

YOI: 2020

Startup Name: BlinkIn Technologies Pvt Ltd

Innovation: SCOTTY: Problem identification, Warranty verification, detection, Remote installation, Verification of resolution. HOUSTON - SELF SERVICE AGENT: An AI-powered Self-service system.

YOI: 2020

Startup Name: Salcit Technologies Pvt Ltd

Innovation: Swaasa: A Point-of-Care technology to provide risk assessment for COVID-19. Audiometric Analysis of Cough using Machine Learning.

YOI: 2020

Startup Name: BlueSemi R&D Pvt Ltd

Innovation: SENS: A high accuracy zero-power Temperature Measurement IoT devices that can improve human life for better in the times of pandemic and prosperity.

YOI: 2020

Startup Name: Bariflo labs pvt ltd

Innovation: AI-IOT based multipurpose sediment level dispenser for inland shrimp aquaculture

YOI: 2020

Startup Name: LectureNotes Technologies Pvt Ltd

Innovation: Lectureroom: AI powered teaching Assistant for every online class to track and establish real-time post classroom collaboration with engagement analytics.

YOI: 2020

Startup Name: Lvl Alpha Pvt Ltd

Innovation: CBRN Grade Patient Isolation Capsule:- Portable CBRN Grade Isolation Infrastructure with Remote Patient Monitoring and Sterile Patient Access. A Rapidly deployable & reusable all terrain Device for all Transportation and Hospitalisation needs.

YOI: 2020

Startup Name: Minion Labs Pvt Ltd

Innovation: UV Saaph – Disinfecting for Your Safety: UV-C enabled solutions can help individuals and companies address their disinfection goals in new and pragmatic ways

YOI: 2020

Startup Name: Arivation Fashiontech Pvt Ltd

Innovation: Suddhi Box and Suddhi Basket: with Ultraviolet sterilizer and contactless Charging or Wireless charging for mobile phone.

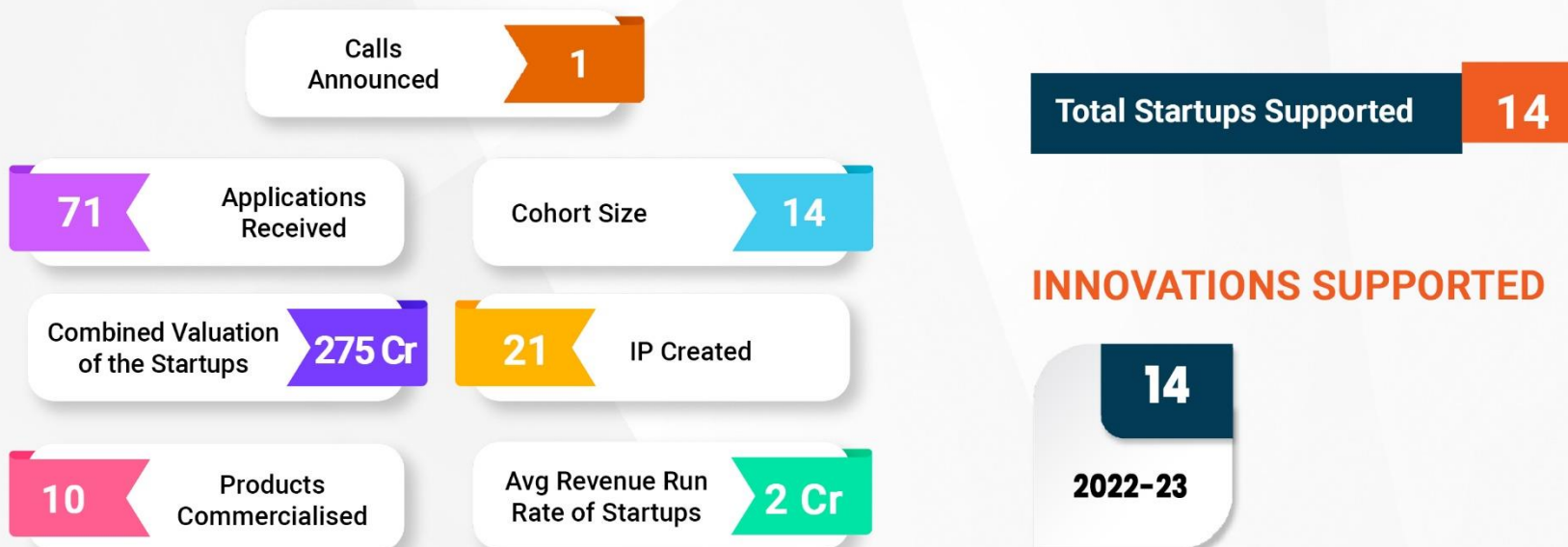
YOI: 2020

Startup Name: Prantae Solution Pvt Ltd (OPC)

Innovation: Prega Mo: Pregnancy Monitoring Kit.

YOI: 2020

MeitY STARTUP ACCELERATOR OF MEITY FOR PRODUCT INNOVATION, DEVELOPMENT AND GROWTH (SAMRIDH) - SCHEME



MeitY SAMRIDH SUPPORTED STARTUPS @KIIT TBI

Startup Name: MokkoMotto Electronics Pvt Ltd
Innovation: 65W GaN USB Multiport Power Adaptor
YOI: 2022

Startup Name: Dhanvantri Biomedical Pvt Ltd
Innovation: Sahayatha a smart defecation cleansing assistive device for immobile population
YOI: 2020

Startup Name: Ridik Edification Pvt Ltd
Innovation: ThoraCare: A non-invasive easy to use early-stage heart and lung abnormalities screening device
YOI: 2022

Startup Name: Primary Healthtech Pvt Ltd
Innovation: Mobilab - Affordable IOT Enabled Smart Multi Diagnostic device for chronic diseases detection
YOI: 2019

Startup Name: Ipanelklean Solar Pvt Ltd
Innovation: Waterless Solar Panels Self Cleaning System using nano coatings and air
YOI: 2021

Startup Name: Pareto Tree Pvt Ltd
Innovation: A wrist wearable medical device with a software platform to continuously and non-invasively monitor
YOI: 2021

Startup Name: Ivl Alpha Pvt Ltd
Innovation: ArchEON® Wearable Health and Trauma Monitor
YOI: 2019

Startup Name: Avay Bioscience Pvt Ltd
Innovation: Development of Advanced 3D Bioprinter
YOI: 2019

MeitY SAMRIDH SUPPORTED STARTUPS @KIIT TBI

Startup Name: Larkai Healthcare Pvt Ltd

Innovation: ThoraCare: A non-invasive easy to use early-stage heart and lung abnormalities screening device

YOI: 2019

Startup Name: Darubrahma Automation Robotics Pvt Ltd

Innovation: Platyrrhynchous Vehicle for agriculture and defence utility

YOI: 2021

Startup Name: Phoenix Robotix Pvt Ltd

Innovation: OEM service provider for end-to-end and works in very low footprint hardware

YOI: 2022

Startup Name: Arishti CyberTech Pvt Ltd

Innovation: MessageMe™ - A NextGen Enterprise Messaging platform for Sensitive Communications using Quantum Technology

YOI: 2021

Startup Name: Aurassure Pvt Ltd

Innovation: End to end solutions using IoT and wireless sensor network in the areas of sustainability

YOI: 2022

Startup Name: Proost Solutions Pvt Ltd

Innovation: DrPrax is focused on providing a collaborative model that will allow doctors to offer multi-specialty medical care and alternative therapies

YOI: 2022

CAPACITY BUILDING PROGRAMS

To Monitor & Mentor the Progress of Startups

BUSINESS PLAN WORKSHOP

Two days Business Plan Workshop has been conducted for the startups to sensitize them about writing an exceptional business plan to secure government funding and external investment.

Program Details:

Year	No. of Beneficiaries
2020-21	15
2021-22	27

IP WORKSHOP

The workshop aim to sensitize innovators, startups and entrepreneurs to learn how to identify and protect intellectual property of innovation and technology.

Program Details:

Year	No. of Beneficiaries
2020-21	10
2021-22	18

360-DEGREE OVERVIEW OF TECHNOLOGY DEVELOPMENT AND TRANSFER

The program aims to sensitize the start-ups the benefits of technology, its application in various fields with the help of a case study and the technology development and transfer protocols and challenges.

Program Details:

Year	No. of Beneficiaries
2021-22	56

IDEA VALIDATION WORKSHOP

A two days workshop for newly onboarded startups to stimulate the innovators, the idea focussed on refining their problem statement

Program Details:

Year	No. of Beneficiaries
2020-21	23
2021-22	34

MONTHLY TECHNICAL MENTORING SESSION

The one to one session of monthly mentoring with the industry & domain experts aims to solve the technical & business challenges faced by startup and ensure the progress as per the timeline.

Program Details:

Year	No. of Beneficiaries
2020-21	8
2021-22	7

COMPANY COMPLIANCE WORKSHOP

The two days workshop aimed to sensitize the innovators in forming and registering the company with the procedures and up skill about the rules and compliances of Company Act.

Program Details:

Year	No. of Beneficiaries
2021-22	56

ACCELERATOR PROGRAM (NE INDIA LAUNCHPAD)

NE Launchpad is a special program focussing the innovators and entrepreneurs in North eastern states to promote tech entrepreneurship through financial and technical support to well-established incubators engaged in supporting ICT startups in pre-identified areas of societal relevance.

The program was launched in January 2021 by KIIT –TBI, with the support of Technology Incubation and Development of Entrepreneurs (TIDE) under the Ministry of Electronics and Information Technology, Government of India. The thrust area of the call is in the area of Healthtech and Precision Agritech. The Program received quite a good number of applications from almost all states of Northeast. On going through the applications and project details, the expert committee selected best 15 and out of which 13 participants actively participated in the 45 day long program. The selected participants were sensitized about the program in the two days bootcamp that consisted of session on ideation, funding opportunities, Intellectual Property Rights, Valuation and Cross Talk. Post the two day Bootcamp the participants were actively engaged in the 3 week Master Class that would be followed by a final Pitching Session or Demo Day. The Master Classes were designed so as to give the participants all the knowledge about running a sustainable startup in the Northeast. At the end of each week of Master Class, the participants were given online tasks that would be evaluated later by the respective experts and would add up to decide the best proposal.

Program Details:

Year	No. of Beneficiaries
2021-22	13

BI MONTHLY TECHNICAL MENTORING SESSION

The one-one session with domain experts helped the startups in solving the critical technical and business problems.

Program Details:

Year	No. of Beneficiaries
2021-22	7

OMEGA EMPOWER GRAND CHALLENGE OF TIDE 2.0

The program aimed on sensitizing the students about the innovation and entrepreneurship. The grand challenge invited application from aspiring entrepreneurs, with a pitching session of their ideas.

The program was launched in the year 2021 by KIIT TBI with the support of MeitY, Technology Incubation and Development of Entrepreneurs (TIDE) 2.0.

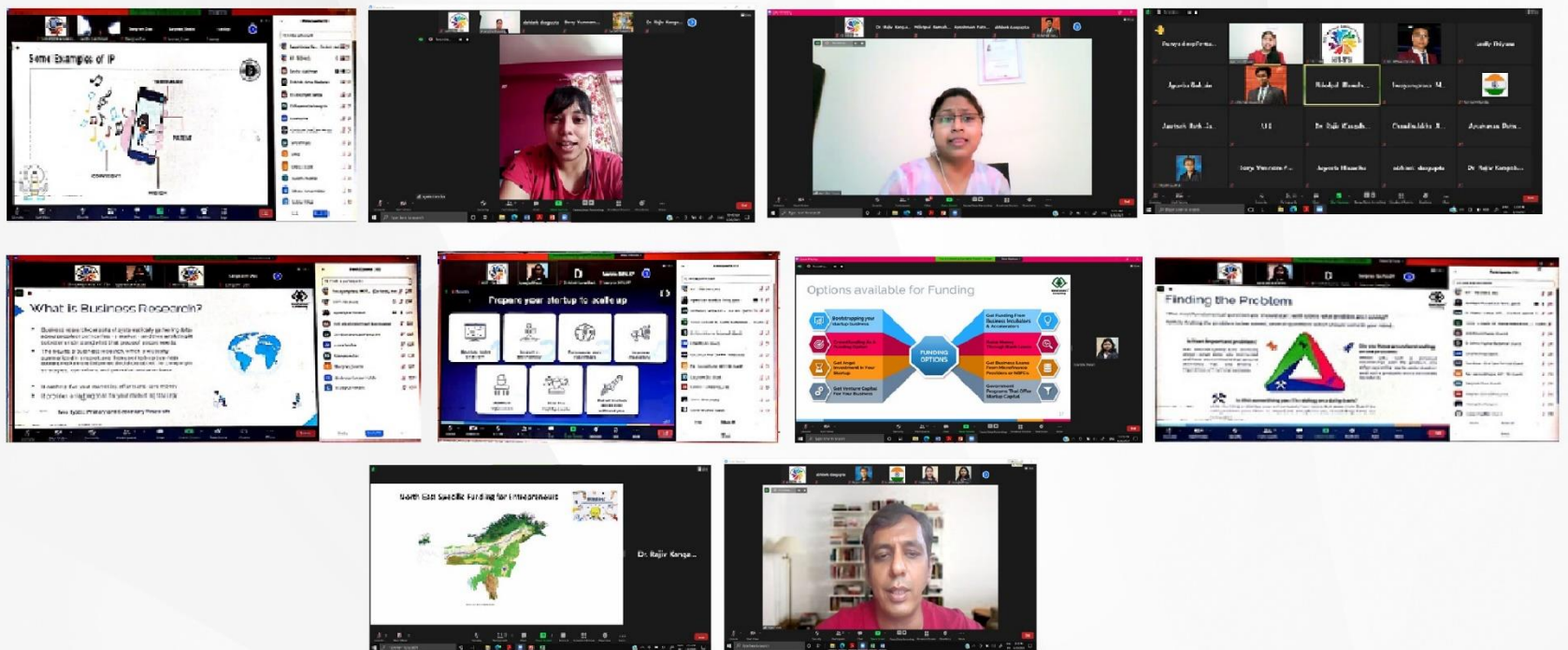
A workshop Omega Empower has been conducted in the year 2022 focusing on empowering the women innovators and encourage them for Entrepreneurship in the eve of International Women's Day. More than 50 application has been received and evaluated. Out of which 35 women beneficiaries has been sensitized about various sessions on entrepreneurship and development. The winner of the event, selected by the panel of experts and has been rewarded with prizes and incubation support.

A workshop of Omega 2.0 has been conducted in 2022 which aimed in promoting entrepreneurship among the young innovators in which the event consisted various programs like stonkholc, connected world, esports, pitchers, Talkshow in which pitchers was the main entrepreneur focused workshop. PITCHERS was a platform for budding Entrepreneurs to pitch in their early- stage startup ideas. A total of 98 applications has been received for this event and the ideas was evaluated and selected the 40 finalists based upon the impact on the vision, purpose, and clarity of the entries. A workshop with the session on idea validation and business and IP strategy and entrepreneurship development by the industry and academia experts was conducted to sensitize the students about Entrepreneurship. The session has bee an added advantage in improvising th eir ideas before presenting to the panel of experts from various business and technical domain. The Experts evaluated the proposal under various criteria such as the problem statement, the solution statement, the USP, the target audience, the competitor analysis, teamwork rubric and, roadmap to determine the commercial viability of the proposal. Finally two teams team Fembots and team Biocaspol were selected as winners and has been rewarded with the support for Company Formation from KIIT TBI

Program Details:

Year	No. of Beneficiaries
2020-21	35
2021-22	40

GLIMPSES OF NE LAUNCHPAD



GLIMPSES OF OMEGA 2.0



TRAILBLAZERS

Lvl alpha Pvt Ltd



Founder: Aditya Mishra

Innovation: CBRN – Patient Isolation Capsule®, is a Battery Operated Portable & Lightweight ICU Grade pods for isolation, transportation and hospitalisation of affected patients in CBRN and Natural Disaster Relief.

Sector: Defence

Achievements:

- ▶ Received MeitY, TIDE 2.0 EIR worth INR 4.00 Lakhs
- ▶ Received MeitY, India Grant worth INR 24.00 Lakhs
- ▶ Top 50 Startups Globally Selected to Startup Visa Program Canada 2020.
- ▶ Received ISO 13485 Medical Device QMS Certification
- ▶ Exhibitor at Def Expo '22, Def ExpoTN '22, IIME 2021.
- ▶ CII e-Compendium of Design 2021, Top 10 Startup Designs.
- ▶ Indian Oil Startup Fund Round III Recipient.

Arishti CyberTech Pvt. Ltd.



Founder: Kanak K Kawadiwale

Innovation: MessageMe™ is a first of its kind Enterprise Messaging platform for critical communications. It focuses on Consent based messaging with Data Privacy at its heart. The platform uses cloud based Quantum cryptography which makes the application secure and unique in itself. It also works on the principle of Consent based messaging, in sense the ownership of the critical data remains with the creator of data.

Sector: AI/ML

Achievements:

- ▶ Around 25 Lakhs raised in form of Grants and awards
- ▶ Awarded Persistent Inspiration Award
- ▶ Recognized by Ministry of Defence & MeitY
- ▶ Innovative Product by AICTE National startup committee.
- ▶ Top 30 startups under 5G hackathon organized by Department of Telecom
- ▶ Supported under NIDHI-EIR by SINE IIT-Bombay
- ▶ Finalist at Aegis Graham Bell Awards under Enterprise Solution category
- ▶ Supported under Startup India Seed fund
- ▶ DSCI – MeitY 5G Hackathon winner
- ▶ Finalist at Aegis Graham Bell Awards under Enterprise Solution category
- ▶ Supported under Startup India Seed fund
- ▶ DSCI – MeitY 5G Hackathon winner
- ▶ Recognised as top 10 Agri-startup in Agri-Udaan

Felis leo widgets Pvt Ltd



Founder: Nishita Baliarsingh, Nikita Baliarsingh,

Innovation: Proteins in the living organisms possess properties of electron transfer and energy storage just like the batteries made from li – ions. The proteins are good conductors of electricity and facilitate the flow of electrons. In the initial research work, it was found that crude protein is found in crop residue. Considering that this part of the agriculture waste, we use the residue as a raw material to extract protein. The extracted proteins are further broken into smaller particles known as peptides, which are doped with Carbon Nanotubes to build a composite / cross linked material to achieve the desired electrodes for the flow of electrons in the battery.

Sector: Cleantech

Achievements:

- ▶ Received MeitY TIDE 2.0 EIR worth INR 4 Lakhs
- ▶ Received DST NIDHI PRAYAS worth INR 7 Lakhs
- ▶ Received HDFC Smart up grant worth INR11 Lakhs
- ▶ Listed under Forbes 30 Under 30 both Asia & India for the year 2021.
- ▶ Appreciated and highlighted in MG Changemakers, Vogue India, Entrepreneurs – women to watch etc.
- ▶ PMI Future 50 – 2021
- ▶ Women of Substance – 2022
- ▶ Parichay Foundation's Arya Award – 2022
- ▶ Best Sustainable Engineering – 2019
- ▶ CII Yi Innovex – Innovative startup of the year – 2019
- ▶ Raised upto 3Cr investment fund from Pomtaq Ventures
- ▶ Raised 2 Cr from JITO Angels network
- ▶ Recognised as top 10 Agri-startup in Agri-Udaan

Salcit Technologies Pvt Ltd



Founder: Narayana Rao Sripada

Innovation: Swaasa® aims at providing respiratory healthcare unbounded by location, time, equipment, and technicians. It brings in the functionality of spirometry using audiometric analysis of cough sounds to identify the risk levels. Swaasa® uses machine learning models to analyse the cough sounds in combination with other information like temperature, oxygen saturation, symptoms to assess the performance of lungs. Swaasa® aims to substitute spirometry and make the pulmonary healthcare accessible and affordable.

Sector: Healthcare

Achievements:

- ▶ Semifinalists in MIT Solve's 2022 Global Challenge
- ▶ Amongst the top 3 finalists of Anjani Mashelkar Inclusive Innovation Award 2020
- ▶ Featured as top 20 Digital Health Startups in India, 2019

Minion Labs Pvt Ltd



Founder: Gokul Shrinivas

Innovation: Minion uses state-of-the-art Machine Learning and AI Based EDGE Computing approach to detect energy signatures of individual electrical assets and study patterns of their energy consumption to generate real-time notifications of various events and reports on predictive analytics with smart metering solutions

Sector: Cleantech

Achievements:

- ▶ Currently Raising INR 11.25 Crores in Seed Round at INR 63.75 Crores Pre-Money Valuation.
- ▶ March 2020 – INR 96 Lakhs INR Pre-Seed raised at INR 7.5 Crores Pre-Money Valuation from Indian Angel Network.
- ▶ Received MeITY SASACT Grant worth INR 7 lakhs
- ▶ Raised investment of INR 40 lakhs from TIDE2.0 Investment Scheme
- ▶ Received DST NIDHI4COVID Fund worth INR 30 lakhs
- ▶ Winner of Top Industry 4.0 – Internet of Things (IoT) award at the National Startup Awards 2020 ceremony

Tan90 Thermal Solutions Pvt Ltd



Founder: Soumalya Mukherjee

Innovation: Tan 90 is introducing a hydantoin based anti-microbial polymers that can increase the lifetime of the perishables without a cold solution. This will further decrease the operational costs involved. This invention focused on portable cold storage capacity of 58 liters that are run by proprietary thermal batteries.

Sector: Cleantech

Achievements:

- ▶ Received BIRAC BIG Grant worth INR 50 lakhs
- ▶ Equity fund from INVENT Program & Social Alpha worth INR 90 lakhs
- ▶ Received CSR funds worth 60 lakhs from CISCO and CINI (IAIN)
- ▶ Raised INR 5 Cr from Blue Ashva Capital and 3i Partners

BlueSemi R&D Pvt Ltd



Founder: Sunil Kumar Maddikatla

Innovation: EYVA, the world's first non-invasive gadget to give 6 key vitals including non-invasive (no prick/no blood) Blood Glucose, ECG, Heart Rate, Spo2, HbA1c & Blood Pressure by a touch in just 60 seconds along with a whole new world, Anthea Realm where people can improve their lifestyles.

Sector: IoT

Achievements:

- ▶ Featured in various press release like Your story, Yahoo News, Inc42, Silicon India, Times of India, The Hindu, The Deccan Chronicle, ET, The Better India etc. Product showcased at CES 2022 in Las Vegas
- ▶ Country of the-year at Viva Tech 2022 debut in Europe

Bariflo labs Pvt Ltd



Founder: Mrutyunjaya Sahu

Innovation: The invention discloses an intelligent maneuvering hypolimnetic aerator with an internet of things monitoring system that can autonomously navigate to different coordinates & aerate the hypolimnetic region of a water body to improve dissolved oxygen demand (DO) & thus maintain water quality standards.

Sector: Agritech

Achievements:

- ▶ Received BIRAC BIG worth INR 50 Lakhs
- ▶ Raised BIRAC SEED fund worth INR 25 lakhs
- ▶ Received DST NIDHI PRAYAS worth INR 7 lakhs
- ▶ Received MeITY TIDE 2.0 Grant worth INR 7 lakhs
- ▶ Received MeITY SASACT worth INR 20 lakhs
- ▶ Received Startup Odisha Fund worth INR 15 lakhs
- ▶ Received RKVY RAFTAAR Grant worth INR 20 lakhs
- ▶ Recognised as top 10 Agri-startup in Agri-Udaan

LectureNotes Technologies Pvt Ltd



Founder: Srustijeet Mishra

Innovation: Lecture notes operates a notes marketplace for undergraduate students catering to engineering and academic degree courses. The SaaS platform of Lecture Rooms includes virtual classrooms, digital library support, content repositories and much more which has ability to generate in depth student analytics.

Sector: Edutech

Achievements:

- ▶ Raised \$2.5 Million USD from Canada based Jani Ventures in 2022
- ▶ Received Rs 14 Lakhs as startup grant from Startup Odisha
- ▶ Awarded Best Startup of the Year by News18 Odia

Larkai Innovations Pvt Ltd



Founder: Pritam Dhalla

Innovation: ThoraCare is a portable device that replaces several distinct elements of a traditional ECG and Stethoscope setup. A novel AI algorithm which diagnose early stage real-time heart impulse and valvular disease for futuristic predictive analysis with comprehensive heart and lung condition screening report

Sector: Healthcare

Achievements:

- ▶ DST-NIDHI EIR: INR 3.6Lakhs.
- ▶ MeITY- TIDE 2.0 Grant : INR 7 lakhs
- ▶ Received Startup Odisha Product Development Grant worth INR 15 lakhs
- ▶ Received The Best Young Entrepreneur in The BENGAL PRIDE AWARDS 2021

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



Lvl alpha Pvt Ltd

"In Ear Wearable Health & Cranial Impact Trauma Monitor with Two-Way Communicator and Location Tracker"

Supported under MeitY-TIDE 2.0 EIR & MeitY-SAMRIDH



Jan Elaaj Healthcare Pvt Ltd

AI based framework, for diagnosis and monitoring of mental health disorders

Supported under MeitY-TIDE 2.0 EIR



Larkai Innovations Pvt Ltd

ThoraCare: A non-invasive easy to use early stage heart and lung abnormalities screening device

Supported under MeitY-TIDE 2.0 GRANT



Felis leo widgets Pvt Ltd

Fast charge rechargeable bio-organic and bio-degradable batteries from Crop Residue (Proteins)

Supported under MeitY-TIDE 2.0 EIR



Arishti CyberTech Pvt Ltd

Message Me (MeMe) - An Enterprise Secure Messaging Platform for Sensitive Communications using Quantum Cryptography and AI.

Supported under MeitY-TIDE 2.0 GRANT



Tfarms Pvt Ltd

Revolutionary Farm An IOT and AI based farming technology integrating the hydroponic or aquaponic farm

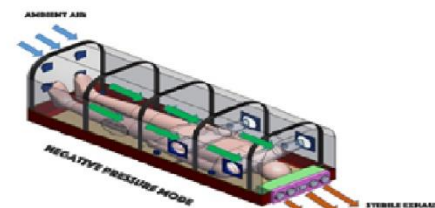
Supported under MeitY-TIDE 2.0 GRANT



Bariflo Labs Pvt Ltd

AI-IOT based multipurpose sediment level dispenser for inland shrimp aquaculture

Supported under MeitY-TIDE 2.0 GRANT & MeitY-TIDE 2.0 SCALEUP INVESTMENT FUND



Lvl alpha Pvt Ltd

"In Ear Wearable Health & Cranial Impact Trauma Monitor with Two-Way Communicator and Location Tracker"

Supported under MeitY-SASACT



MinionLabs India Pvt Ltd

Minion Energy Management Solution

Supported under MeitY-TIDE 2.0 SCALEUP INVESTMENT FUND

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



MinionLabs India Pvt Ltd
MinionLabs UV Saaph
Supported under MeitY-SASACT



Water n Spices Foodz Pvt Ltd
Automatic Dispensing Machine
Supported under MeitY-TIDE 2.0 GRANT



Salcit Technologies Pvt Ltd
Swaasa: A Point-of-Care technology to provide risk assessment for COVID-19.
Supported under MeitY-SASACT



Tan90 Thermal Solutions Pvt Ltd
Portable Cold Storages with Proprietary Phase Change Material for Cold Supply Chain
Supported under MeitY-TIDE 2.0 SCALEUP INVESTMENT FUND



Arivation Fashiontech Pvt Ltd
Suddhi Box and Suddhi Basket
Supported under MeitY-SASACT



BlinkIn Technologies Pvt Ltd
"SCOTTY & HOUSTON - SELF SERVICE AGENT: An AI-powered Self-service system powered by a Virtual Agent.
Supported under MeitY-SASACT



BlueSemi R&D Pvt Ltd
SENS: A high accuracy zero-power Temperature Measurement IoT devices
Supported under MeitY-SASACT



EzeRx Health Tech Pvt Ltd
EzeCheck: A non-invasive portable device
Supported under MeitY-SASACT



LectureNotes Technologies Pvt Ltd
Lectureroom: AI powered teaching Assistant
Supported under MeitY-SASACT

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



Prantae Solution Pvt Ltd (OPC)

Prega Mo: Pregnancy Monitoring Kit.

Supported under MeitY-SASACT



Pareto Tree Pvt Ltd

A wrist wearable medical device with a software platform to continuously and non-invasively monitor [Vital Signs, Cardiac Output, Stroke Volume, Systemic Vascular Resistance, & Arterial Stiffness], detect and predict inpatient health deterioration.

Supported under MeitY-SAMRIDH



Darubrahma Automation Robotics Pvt Ltd

Platyhynchous Vehicle

Supported under DST-NIDHI EIR & PRAYAS



Calidad Healthcare Pvt Ltd

Telehealth Platform for guided medical examinations

Supported under MeitY-TIDE 2.0 GRANT



Dhanvantri Biomedical Pvt Ltd

Sahayatha- A convertible wheelchair cum bed for the mobility-impaired.

Supported under DST-NIDHI4COVID



MokkoMotto Pvt Ltd

65W GaN USB Multiport Power Adaptor

Supported under MeitY-SAMRIDH



Primary Healthtech Pvt Ltd

Mobilab - Affordable IOT Enabled Smart Multi Diagnostic device for chronic diseases detection

Supported under MeitY-SAMRIDH



Avay Bioscience Pvt Ltd

Development of Advanced 3D Bioprinter

Supported under MeitY-SAMRIDH

JOURNEY OF TWO YOUNG ENTREPRENEURS SUPPORTED UNDER MeitY, GoI

PRATHISTHA JAIN

CALIDAD HEALTHCARE PVT LTD

Telehealth Solution for Medical Examination in Rural Settings.

Prathistha Jain, Co-founder of Calidad Healthcare Pvt Ltd, hails from an entrepreneurial family who has seen the highs and low of entrepreneurship throughout her formative years. Since graduation, her area of interest lied in the start-up and innovation community and given her experience as a Senior Incubator Manager at the Healthcare Innovation Centre at IIT Madras Incubator she was inclined towards developing frugal technology to make healthcare accessible.



With the backing and support from the right people the start-up was established with Co-founder Ashish Sharma. Calidad Healthcare Private Limited is telehealth start-up focused on addressing the primary healthcare needs of the society, and they have developed a full-stack tele-health solution that includes a Doctor's Platform to facilitate doctor-patient interaction and manage the tele-health, Device Agnostic Patient Application with medical grade remote tools to facilitate examination and user-friendly medical devices and optionally transmit the sound, video, or image data, documents to a medical professional/clinician in another location.

They are currently in the process of validating end-to-end solution performance by carrying out pilot studies. The overarching focus of the start-up is to make healthcare accessible, affordable and available by touching lives.

KANAK KAWADIWALE

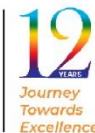
ARISHTI CYBER TECH PVT LTD

An Enterprise Secure Messaging Platform for Sensitive Communications using Quantum Cryptography and AI.

The growing use of Consumer graded messaging platforms for sensitive communications have given rise to a lot of Security and Privacy issues. Besides, the Enterprises sharing any sensitive data over such platforms, have no way to restrict and track the shared data over such channels. Right after being awarded Persistent Inspiration Award by the Ministry of Defense at Smart India Hackathon 2018, Mr. Kanak Kawadiwale started working towards a commercial product for secure communications. Finally after graduating from his bachelors in 2020, he established Arishti Cyber Tech Private limited. Kanak always believed that the future of Security is Consent.



Taking inspiration from all these events, Mr. Kanak built MessageMe™ - a NextGen Enterprise Messaging platform for Sensitive Communications using Quantum technology. The platform uses patent pending Quantum technology which enhances the cryptographic security of the platform. It also provides the data loss prevention capabilities and gives the ultimate control to the data owners. Since then, his venture has been awarded by the Ministry of Defense, MeitY, HRD, AICTE, Persistent, DoT and other well-known government organizations. It's a long way to go and reimagine the Messaging for Sensitive Communications!



“KIIT-TBI POWERING INDIAN STARTUPS FOR DIGITAL ACCELERATION”

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इलेक्ट्रॉनिक्स एवं
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ELECTRONICS AND
INFORMATION TECHNOLOGY

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