



25 Silver
Jubilee
Years 1997-2022
SOIL TO SILVER



12
Years
Journey
Towards
Excellence

KIIT-TBI'S SUPPORT TO PROPEL THE STARTUP ECOSYSTEM IN ODISHA

SUPPORTED BY



Science & Technology
Department
Government of Odisha

**Startup
Odisha** 

IMPACT REPORT

FOREWORD

The state of Odisha is the eighth largest state by area with a rich knowledge base of research institutions, premier institutes, and knowledge-intensive industries for decades is advantageously positioned to harness biotechnology applications owing to its rich biodiversity and vast natural resources. Odisha's consistent focus on innovation and technology has seen the state emerge as one of the preferred destinations for new technologies in the fields of information technology and biotechnology.

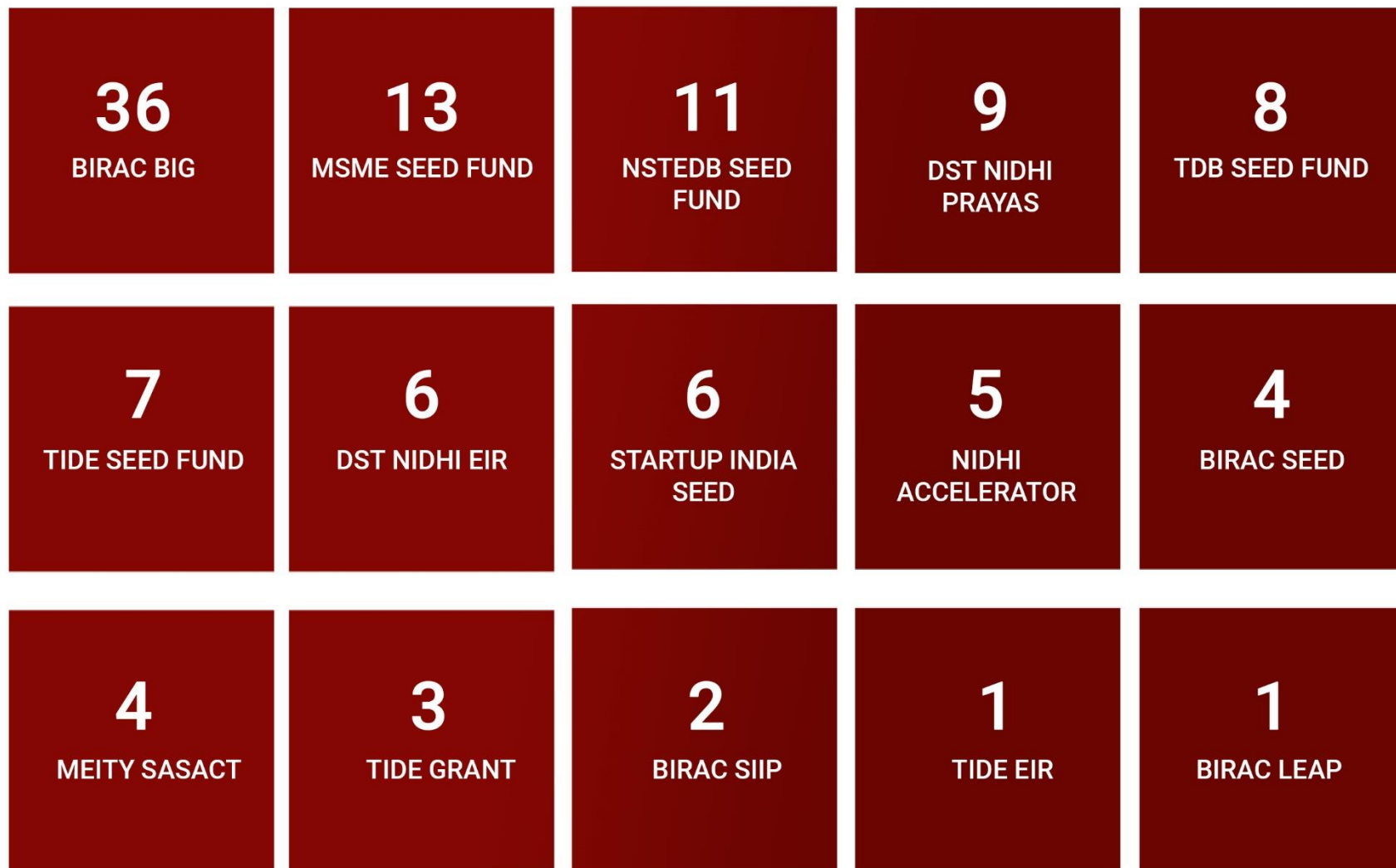
The Government, through the S&T Department, Ministry of Micro and Small Enterprises, Electronics and Information Technology Department, Govt of Odisha, and Startup Odisha has created a favorable ecosystem for both startups and established companies alike. Various initiatives and programs have been specifically curated to promote growth in the sector. This has resulted in the state being recognized as one of the top 3 "Startup Hubs" in India through strategic partnerships, a conducive ecosystem, investment, and policy interventions.

Aligned with the vision of Odisha "to transform Odisha's economy through innovation", KIIT TBI established in 2009 is the first and largest University based Technology Business Incubator in the state capital, Bhubaneswar. KIIT TBI has witnessed a rise in the surge of interest among the startups of Odisha for developing innovative technologies in various realms of biotechnology. The state also saw the increased activity of startup registrations. The cumulative number of startups in 2022 that have been provided incubation support by KIIT TBI is 223. About 68 Odisha-based startups have been supported by KIIT TBI in 2022 and is the highest number since 2009.

We believe the Startups of today are the leaders of tomorrow. KIIT TBI is always thankful to the Enablers of the State!! S&T Department, Startup Odisha, Ministry of Micro and Small Enterprises, Electronics and Information Technology Department of the Govt of Odisha.

THE IMPACT CREATED AND CONTINUES TO EXPAND

Odisha Based Startups Supported Under Various GoI Startup Schemes



TOTAL
FUNDS
— MOBILISED

30.1 Cr

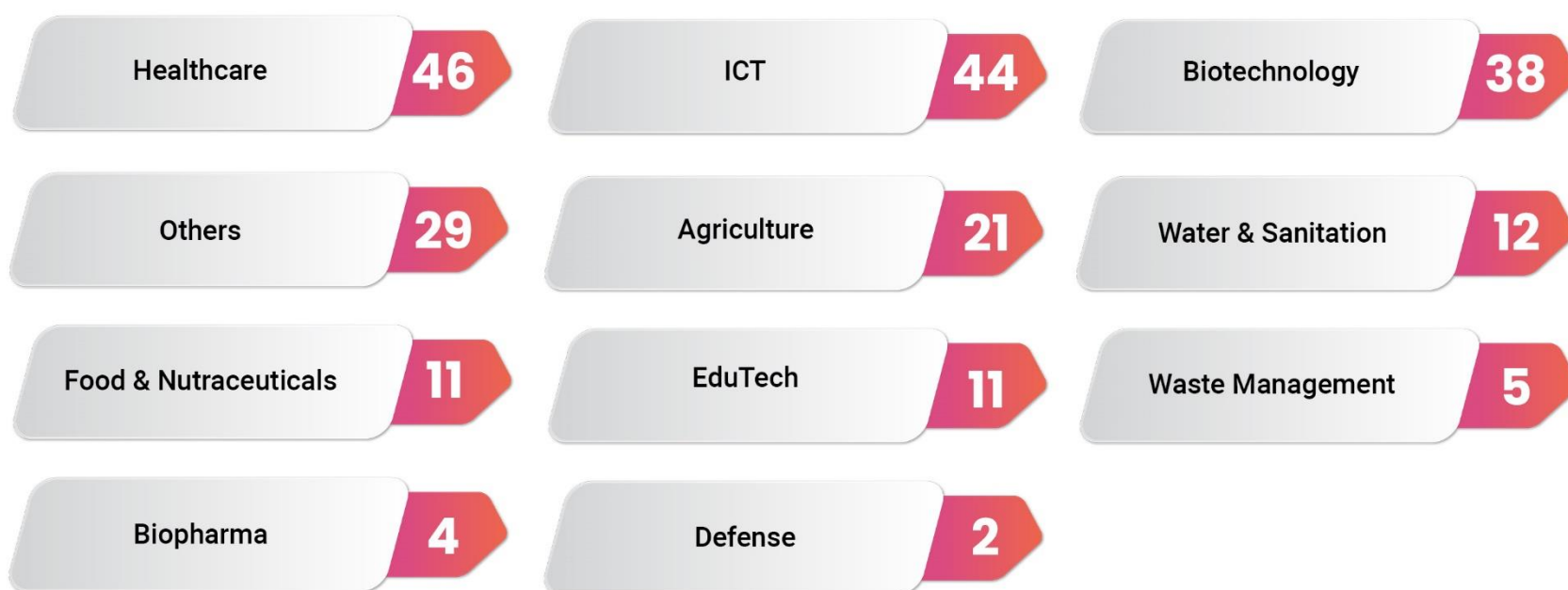
TOTAL DIRECT
EMPLOYMENT
— GENERATED

1K+

TOTAL
IP & PATENTS
— GENERATED

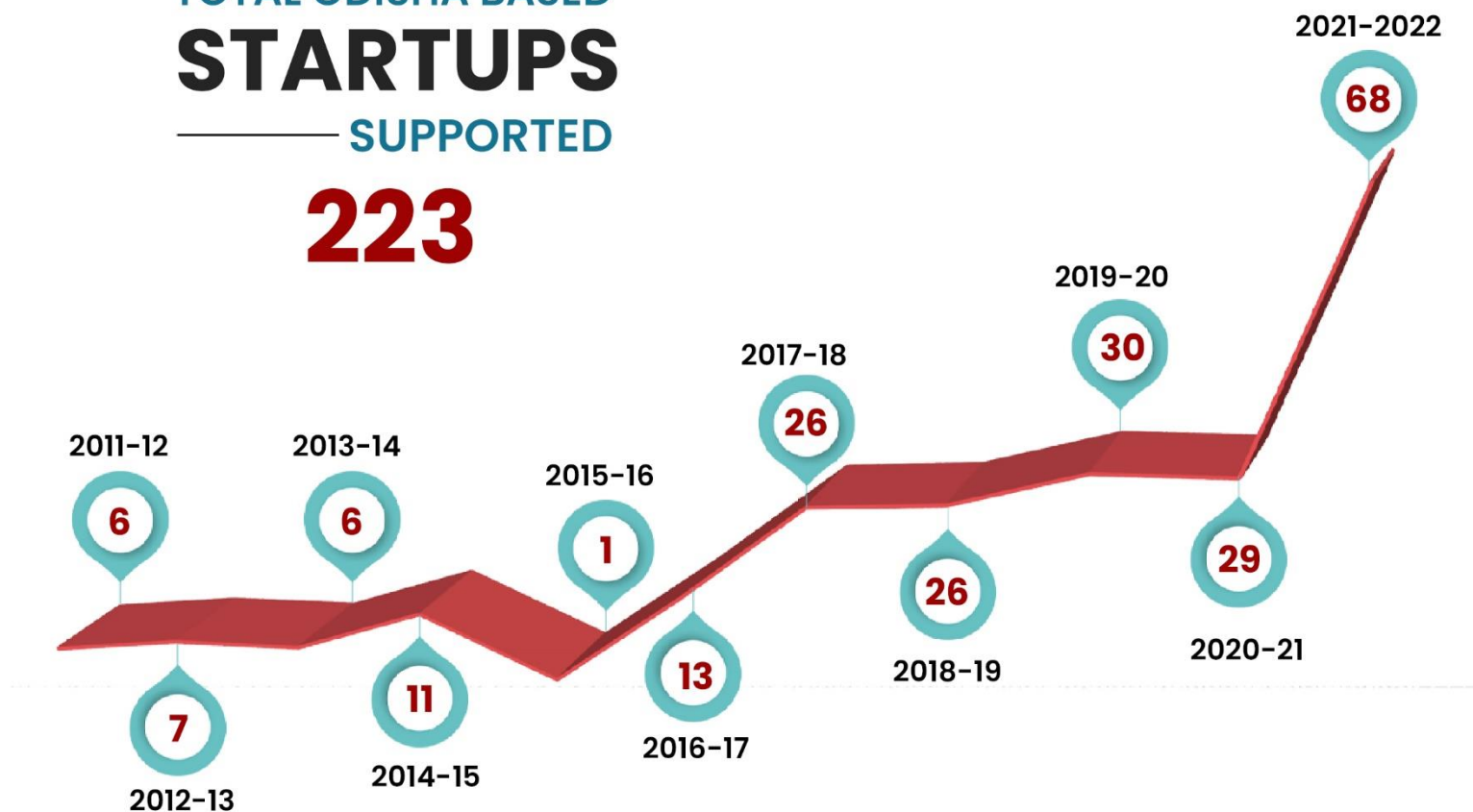
85

SECTOR WISE DISTRIBUTION OF STARTUPS



TOTAL ODISHA BASED STARTUPS SUPPORTED

223



OPEN BOOT CAMP

OPEN (Odisha Pitching cum Entrepreneurship Boot Camp), supported by Department of Science and Technology, Government of Odisha is a total 60 days (two months) entrepreneurship boot camp program; The event aims to spread the awareness of different funding opportunities available for startups and innovative product development, specifically for young budding students though roadshows across universities, institutes and colleges across Odisha.

20+

Roadshows
Conducted

1500+

Innovators
Reached

Startup – 80

Individual – 265

Male – 203

Female – 142

Districts Covered



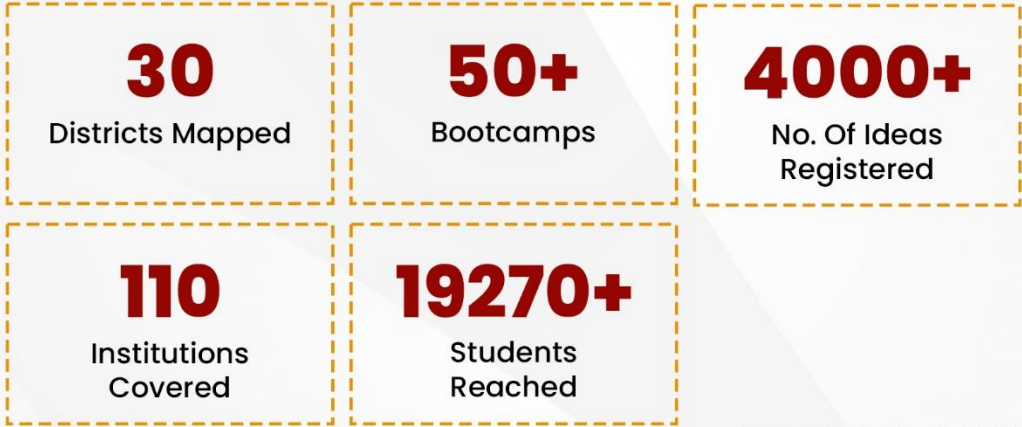
STARTUP ODISHA YATRA

Startup Odisha Yatra, an initiative of Startup Odisha, reached 30 districts and 100+ colleges in search of entrepreneurial talent that led to the development of the startup ecosystem at the institutional level. The Yatra sensitized the youth about the basics of innovation & entrepreneurship and how they can ace the opportunities available at Startup Odisha.

The day-long boot camps in each college includes presentations on Startup Odisha and State Startup policies followed by an extensive ideation workshop. An idea pitching session was held to select the foremost ideas by the students for the Grand Finale. The van campaigning has enabled the students to pitch ideas and get selected for the acceleration programmes. Cash prizes, mentoring & incubation support and others shall be given to the Top 10 selected ideas.

Objectives of the Yatra

- ▶ To sensitize the basics of innovation & entrepreneurship and how they can ace the opportunities available at Startup Odisha.
- ▶ To impart incubation support to the potential ideas.
- ▶ To provide mentoring support to all the promising ideas.



Male - 57



Female - 43



WATP (WOMEN AGRITECH PARK)

The Rural Women Technology Park (RWTP) was set up with the mandate of empowering the rural community with technologies that will reduce the drudgery in their lives and provide sources of alternative livelihood generation (Agritech & Non-Agritech). The RWTP would also educate the rural community about sanitation, women and child health and hygiene, and nutrition to create to systemic behavioral shift towards better lifestyle.



HDFC SMART UP FUND

SmartUp Grants are part of a larger effort by HDFC Bank 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 through which the bank offers tailor-made banking and advisory solutions to entrepreneurs.



RURAL WOMEN TECHNOLOGY PARK (RWTP)

The Rural Women Technology Park (RWTP) was set up with the mandate of empowering the rural community with technologies that will reduce the drudgery in their lives and provide sources of alternative livelihood generation. The RWTP would also educate the rural community about sanitation, women and child health and hygiene, and nutrition to create a systemic behavioural shift towards better lifestyle.



50
SHG's
Empowered



4+
Microenterprises
Created



20+
People
Employed



300+
Lives
Impacted



NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION (NIPAM)

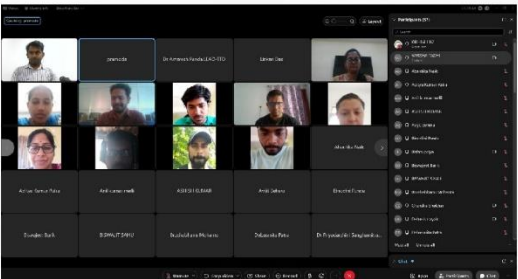
NIPAM, a flagship program to impart IP awareness and basic training, was launched on 8 Dec 2021 as a part of "Azadi Ka Amrit Mahotsav" celebrations. The program is being implemented by Intellectual Property Office, the Office of Controller General of Patents, Designs and Trade Marks (CGPDTM), Ministry of Commerce and Industry.



10
Awareness
Program Conducted



2000k
Participants
Outreached



BHUBANESWAR CITY KNOWLEDGE INNOVATION CLUSTER (BCKIC)



BCKIC
Bhubaneswar City
Knowledge Innovation
Cluster Foundation

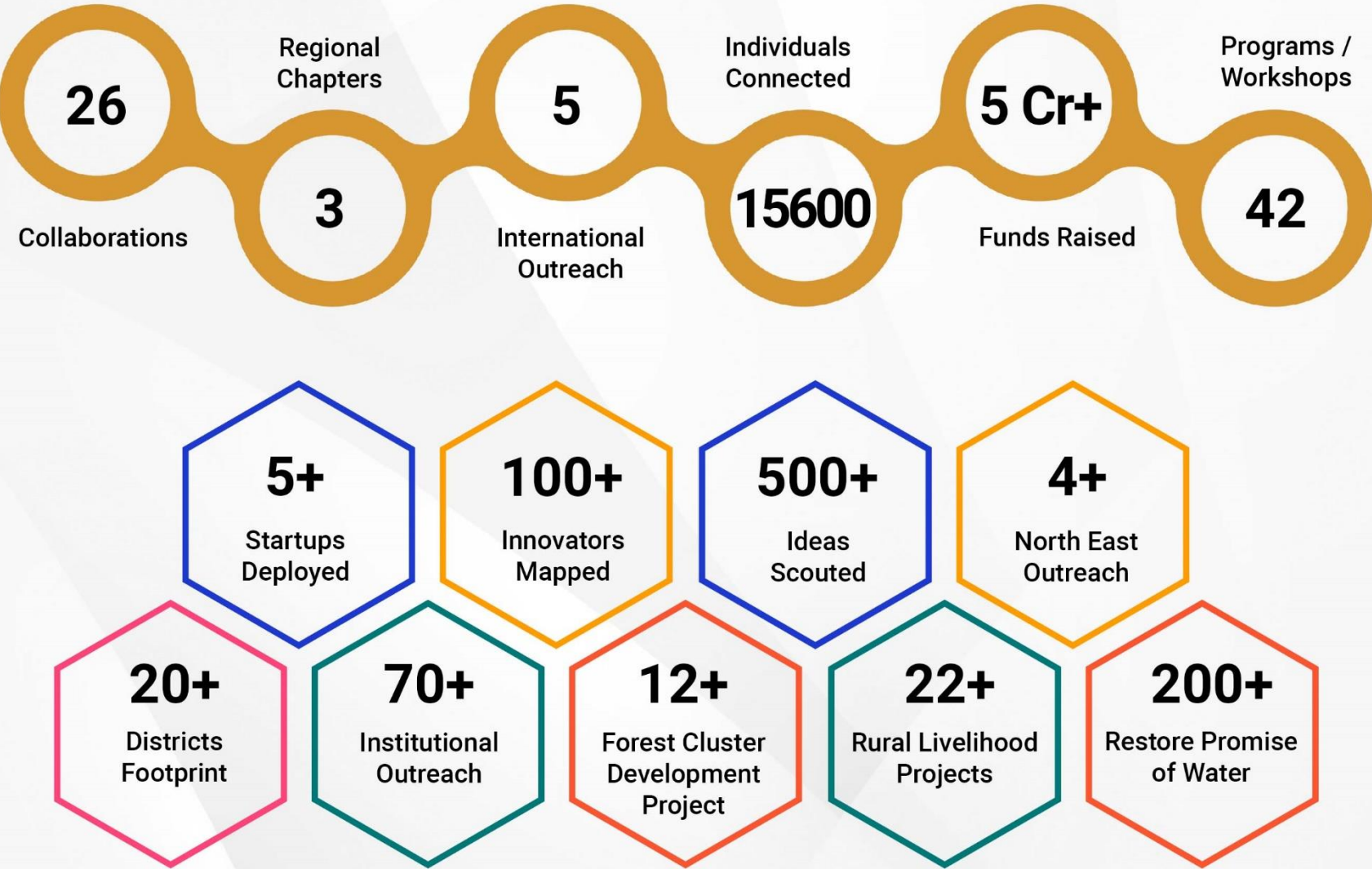
Bhubaneswar City Knowledge Innovation Cluster Foundation, an initiative by the Office of the Principal Scientific Adviser to the Government of India, started its operation in April 2021 under the direction of the PM-STIAC to seamlessly connect research institutions, academia, industry, and corporate towards the creation of a Hub & Spoke Model, actively facilitating innovation and knowledge creation.

Supported By:



**Office of the Principal
Scientific Adviser to
the Government of India**

BCKIC AT A GLANCE



Waste Management and Sustainable Development (WMSD-2021)

National Environment Science Academy (NESA), New Delhi along with BCKIC and KIIT Deemed to be University, Bhubaneswar organized an International Conference on "Promoting Environmental Technologies for Waste Management and Sustainable Development (WMSD-2021)" in association with CSIR-Institute of Minerals and Materials Technology - Bhubaneswar, Environment and Social Development Association- New Delhi and CIPET -Bhubaneswar on 12th and 13th December 2021.

600+

Physical & Virtual
Participants & Awardees

40

Oral Presentations

64

Abstracts



Swachh Sagar, Surakshit Sagar Campaign National Clean Coast Safe Sea

In association with BCKIC and KIIT International School, the coastal cleanup program, led by the Ministry of Earth Sciences, supported by the Ministry of Environment, Forest and Climate Change and Vigyan Prasar - Department of Science and Technology, was conducted in Bhubaneswar and Puri.

200+

Attendees from
Schools & Universities

45+

Students Participation in
Various Competitions

100+

Volunteers in Coastal
Cleanup



Vigyan Sarvatra Puujate - National Science Week Festival 2022

As a part of Azadi Ka Amrit Mahotsav, a week-long celebration themed as Vigyan Sarvatra Puujate, took place during 22 - 28 February 2022 at 75 locations in India. Ministry of Culture, Government of India, Office of the Principal Scientific Officer to the Government of India, and Vigyan Prasara jointly organized the national events that were supported by DST, DBT, CSIR, MoEs, DAE, DOS, ICMR, AICTE, and DRDO.

12000+ Attendees from Schools & Universities	430+ Participants in Various Competitions
25+ Workshops & Panel Discussions	30+ Delegates



New Forum to Nurture Entrepreneurial Ecosystem in Odisha – GNEPO

Global Network of Entrepreneurs and Professionals for Odisha (GNEPO) is a unique and upcoming platform to provide technical support to Startups in Odisha for going global while harnessing a conducive backdrop to facilitate the right atmosphere for entrepreneurial activities in the state. The two major focal points of GNEPO are networking and mentorship which is critical for the promotion of any new venture.



Sameekshya: Multi-Product Clusters for Transformation

BCKIC in collaboration with Odisha Forestry Sector Development Project, Phase II, Government of Odisha, and Japan International Cooperation Agency (JICA) and in association with Odisha Forestry Sector Development Society (OFSDS), KIIT-TBI, Bhubaneswar, Indian Institute of Entrepreneurship (IIE), Guwahati organized an inception workshop on "Sameekshya: Achieving transformation through multi-product cluster initiatives", with an objective of enhancing the livelihood opportunities of forest dwellers by effective utilization of Non-Timber Forest Products (NTFPs).

100+

Delegates from Various
Forest Divisions

15+

Enablers for Critical
Market Linkage

1200+

Target Beneficiary



Workshop on Indian Science Technology and Engineering Facilities Map (I-STEM): Linking Researchers and Resources

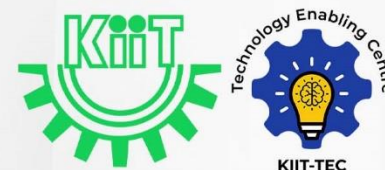
In collaboration with the Odisha Science and Technology Department, BCKIC organized a sensitization workshop on "Indian Science Technology and Engineering facilities Map (I-STEM): Linking Researchers and Resources" to provide detailed insights into the initiative and demonstration of the I-STEM portal.

150+

Participants from
Universities & Colleges



KIIT-TECHNOLOGY ENABLING CENTRE (KIIT-TEC)



KIIT-TEC will act as an enabler to build a hub and spokes model among Industries and Academia to solve the existing problems of the industries in and around with efficient use of the research facilities of the academia. Further KIIT-Tec will act as a facilitator to protect and commercialize the existing and newly developed technologies in and around, further it will create an ecosystem to boost innovation and its protection.

Network and Partnership with **Institutions** for Technology Development

- ITI, Govt College, Cuttack
- Trident Academy of Technology, Bhubaneswar
- Birla Global University, Bhubaneswar
- Incuventions Foundation, NIST Berhampur
- Central Institute of Plastics Engineering & Technology (CIPET), Bhubaneswar
- Institutes of Chemical Technology (ICT), Bhubaneswar
- FM University, Balasore
- Ravenshaw University, Cuttack
- College of Pharmaceutical Sciences, Berhampur
- Utkal University, Bhubaneswar
- North Orissa University, Baripada
- KIIT and KISS University, Bhubaneswar
- MITS School of Biotechnology, Bhubaneswar
- LVPEI, Bhubaneswar

Networking and Partnership with **Industries** for Technology Development

- **Ayur Pharma** (Energy drinks formulation & biological activity studies: 14.00 lakhs)
- **Huwel Life Science**, Hyderabad (preparing Trained personnel for Covid testing: 15.0 lakh)
- **Los Jovens Pvt Ltd** (Contract research to prepare Nano sphere for cosmetic application: 7.0 lakh)
- **SRF Limited**, Gurugram (Waste to value project: Catalyst recycling: funding 20.0 lakh)
- **Phoenix Robotix Pvt Ltd** (Innovation fellowship: to work in the area of AI & ML in smart city project: 10.0 lakh annually Computer Science & electronics)
- **BVG Life Sciences** (Contract research to do toxicity studies of plat based products: 5.0 lakh)

Programs /Webinars /Workshops /Meetings Conducted

Sl. No	Title	Type	In Association with	No. of Participants
1	Workshop on Innovation and Protection of Innovation	Virtual Workshop	QAC KIIT	140
2	Need based assistance	Online Clinic	Startup Odisha	8
3	World IP Day 2021	Webinar	KIIT DU	50
4	TEC Review Meeting	Review Meeting	DST	20
5				
6	Roadshow- Promoting Innovation Culture	Training	East & Northeast BioNEST Cluster	60
7	Orientation Session On Intellectual Property Rights	Webinar	TISS University	32
8	Nurturing Innovation in Universities	FDP-Training	KIIT School Of Biotechnology	40
9	Nurturing Innovation in Universities	FDP-Training	School of Humanities, Commerce & Economics, Languages, KIIT University	80
10	One to one Clinic on Technology Transfer	Clinic	Forestica Booty Pvt Ltd	3
11				
12	Mentoring Session on Problem solving and Innovation	IP Clinic	Amritattava Nutrition Pvt Ltd	5
13	one to one Clinic on IPR and Technology Transfer	Evaluation	Startups of Odisha state	30
14	one to one IP Clinic with BIG Grantees	IP Clinic	KIIT TBI-BIRAC	43
15				
16	A-Z Biomedical Device Development, its protection and Commercialization	Workshop	KIMS, Odisha	35
17	Roadshow on Innovation and funding opportunities	Virtual Roadshow	KIIT-School of Electronics	190
18	Roadshow on Innovation and funding opportunities	Virtual Roadshow	KIIT-School of Civil Eng.	215
19				
20	Problem solution evaluation with respect to Novelty	Evaluation	Startups, Odisha	30
21	Roadshow on Innovation and funding opportunities	Virtual Roadshow	Govt. ITI College, Cuttack, Odisha	534
22	Industry Problem areas and Way Forward to Find Solution in collaboration with Academia	Meeting	Orissa Young Entrepreneurs Association (OYEA)	One to One
23	Industry Problem areas and Way Forward to Find Solution in collaboration with Academia	Meeting	Odisha Assembly of Small and Medium Enterprises (OASME)	One to one
24	Develop and Protect Innovation on Water Quality Testing and Purification	Webinar	Jal Jeevan Mission - Innovation Challenge	36

Work Summary on Innovation Protection

SI No.	Type of work	Date 2021	Technology/Title	Researcher/ Industry
1	Patent	25-Jan	Magnetoplasma Dynamic Thruster With Ablation Of Solid Fuel Based On The Displacement Of Anode For Spacecraft Propulsion Systems	Akhilesh Kumar Dewangan
2	Patent	05-Feb	Mobile Sterilization And Palletization System For Biomedical Waste Processing	Renewable Envirogic Private Limited
3	Patent	10-Feb	Protective Cover For Handheld Device	Akhilesh Kumar Dewangan
4	Patent	17-Feb	Exhaust Gas Separation And Filtration By Low Temperature Glow Plasma	Akhilesh Kumar Dewangan
5	Copyright	25-Feb	The Philosophy Of Bhima Bhoi & Mahima Dharma	KISS, Odisha
6	Patent	14-Mar	Adjustable Seating, Standing And Mobility Assistive Posture Correction Device	Halder Rehab Pvt Ltd
7	Design	16-Mar	Knee Brace	Swayogya Rehab Solutions
8	Patent	01-Apr	Methods And Systems For Computationally Efficient Dynamic Phasor Estimator	Dr. Sarita Nanda
9	Patent	01-Apr	Synthetic DNA derived rBromelain preparation method and uses thereof	Gajraj Singh Kushwaha
10	Design	06-Apr	UNI Cycle	Dr. Vikas Kumar Jha
11	Design	14-Apr	Seating, Standing And Mobility Assistive Chair	Halder Rehab Pvt Ltd
12	Patent	24-Apr	Non-Thermal Plasma Reactor Suitable for Real-Time Diesel Exhaust Treatment at High Flow Rates	Dr. Srikanth Allamsetty
13	Patent	27-Apr	Portable Sciatica Pain Relieving Machine	Prof. Ajay Behera
14	Patent	14-Jun	Compost Bin	Hibzur Ali, Dr. S. Moulick
15	Trademark	20-Jun	Heilen Meditech Private Limited	Heilen Meditech Private Limited
16	Trademark	20-Jun	Nephrite Uno	Shashank Ranebennur Nagaraj

Work Summary on Innovation Protection

17	Patent	24-Jun	targeted drug delivery vehicle using exosomes-derived from dendritic cells	Exsure Pvt Ltd.
18	Patent	05-Jul	Water disinfecting photocatalytic nano-composition	Dr. Suraj Tripathy
19	Patent	05-Jul	Agropak_Husk Plate	Agropak
20	Patent	15-Jul	Forestica Booty Pvt Ltd	Forestica Booty Pvt Ltd
21	Patent	25-Jul	Anti allergic Eye gel	ProCyto Labs Pvt. Ltd
22	Patent	20-Aug	Water disinfecting photocatalytic nano-composition	Dr. Suraj Tripathy
23	Patent	09-Sep	Basic_Fermented Garcinia concentrate	Dr. Mahesh Patil, National Centre For Cell Science (Nccs)
24	Patent	18-Sep	Starch Gelatinized Animal Feed Additive	F3 Biotechnology
25	Trademark	22-Sep	Swayogya Rehab Solutions	Swayogya Rehab Solutions
26	Trademark	05-Oct	Mo Seat	Halder Rehab Pvt Ltd
27	Patent	08-Oct	Fortified cashew apple porridge	Amritattava Nutrition pvt Ltd
28	Patent	05-Oct	PAPSCANNER	Rognidaan Technologies Pvt Ltd.
29	Patent	05-Oct	Valorization of fecal sludge for treatment of textile wastewater	Dr. Suraj Tripathy
30	Patent	03-Oct	Automatic Cleaning and Sanitization System: TWEENY BOTS	Dr. Ashwani Kumar
31	Patent	03-Oct	A tri-wheeled self-balanced electric scooter: TRIOTER	Dr. Ashwani Kumar
32	Patent	05-Nov	POLLUTION FREE GREEN SANITARY NAPKIN INCINERATOR	8 Dr. Rojalin Sahoo
33	Patent	08-Nov	Feedback enabled cardiopulmonary resuscitation (CPR) kiosk	Dr. Ashok Badamali, KIMS
34	Patent	23-Nov	Automatic Seam Tracker Welding Machine With Multiple Axes IMU	Surjeet Singh Gour, Student

Work Summary on Innovation Protection

35	Patent	23-Nov	Method for screening & identification of Klebsiella pneumoniae inhibitors	Gajraj Singh Kushwaha
36	Patent	26-Nov	Synthesis of water soluble Cavitand and its real time Ph sensing application	Dr. Anita Pati
37	Patent	29-Nov	Metal Doped Feacal Sludge Biochar For Treatment Of Water	Dr. Suraj K Tripathy
38	Copyright	30-Nov	The Proceedings of the International Virtual Conference on Retrospect and Prospects of MSMEs in the Post COVID-19	KISS, Odisha
39	Patent	6-Dec	Automated Reconstruction of Aortic Valve	Ekistics Solutions Pvt. Ltd.

Healthcare

Startup Name: CyGenica Pvt Ltd

Innovation: CyGenica uses a non-viral, non-toxic platform to develop in vitro and in vivo delivery solutions for drugs, gene editing components, and antibiotics.

YOI: 2016

Funding Raised: 50 lakhs

Startup Name: Medtel Healthcare Pvt Ltd

Innovation: The tele-health platform can be used for remote health monitoring of patients in hospitals, remote locations, etc.

YOI: 2017

Funding Raised: 8 Cr

Startup Name: Prantae Solutions Pvt Ltd

Innovation: The kit can be used for urine microalbumin measurement for early diagnosis of CKD in diabetic patients, hypertension patients, geriatric people, etc.

YOI: 2018

Funding Raised: 2 Cr

Startup Name: Ezerx Health Tech Pvt Ltd

Innovation: Non-Invasive Non-Contact Robust Portable Hand-held device for Accurate Measurement of Haemoglobin Concentration

YOI: 2019

Funding Raised: 2 Cr

Startup Name: Neukelp Innovation Technology Pvt Ltd

Innovation: The project is intended to develop a body posture monitoring device to keep humans free from Back and Neck Pain naturally.

YOI: 2019

Funding Raised: 0.9 Cr

Startup Name: Larkai Healthcare Pvt Ltd

Innovation: The device can be used as non-invasive portable device for advance screening of Heart and Lung disease using two step detection procedure.

YOI: 2019

Funding Raised: 3.25 Cr

Startup Name: Eishita Healthtech Pvt Ltd

Innovation: The maxillary protraction device can be used for correction of skeletal class III malocclusion.

YOI: 2019

Funding Raised: 0.5+Cr

Startup Name: Procyto Labs Pvt Ltd

Innovation: Development of a novel, preservative-free mechanical barrier gel formulation for eye allergies.

YOI: 2019

Funding Raised: 0.5+ Cr

Startup Name: Swayogya Rehab Solutions Pvt Ltd

Innovation: The Novel technology has it's application in orthosis along with knee health monitoring features to quantify pain and mobility parameters.

YOI: 2020

Funding Raised: 0.71 Cr

Startup Name: Inofinity Research And Development Pvt Ltd

Innovation: sanjivani qcpr : a resuscitation ecosystem connecting cardiac arrest victim with emergency health care service

YOI: 2020

Funding Raised: 0.5 Cr

Startup Name: Cureous Labs Pvt Ltd

Innovation: An effective device to detect and prevent pressure buildup in bedridden patients in order to prevent pressure ulcers.

YOI: 2020

Funding Raised: 0.65Cr

Startup Name: Halder Rehab Pvt Ltd

Innovation: Adjustable Postural Correction Chair : Cerebral Palsy

YOI: 2020

Funding Raised: 0.50 Cr

Startup Name: K First Biotech Pvt. Ltd.

Innovation: The infants and babies will be benefitted as their mothers will have an affordable and effective tool for massaging their gum and cleaning teeth.

YOI: 2021

Funding Raised: 7.8 lakhs

Startup Name: Rn Biomedical Pvt Ltd

Innovation: The moto of the proposed work is to design and produce a cranio-mandibular brace which will treat patients suffering from MPDS.

YOI: 2021

Funding Raised: 4.8 lakhs

Startup Name: Avyaan Health Sciences Pvt Ltd

Innovation: Development of first ever bromelain containing muco-adhesive buccal patch for management of oral submucous fibrosis

YOI: 2021

Funding Raised: 0.50 Cr

SECTORAL DISTRIBUTION OF ODISHA BASED STARTUPS

Startup Name: Stimveda Neuroscience Pvt Ltd
Innovation: Affordable, Compact, Research grade non-invasive neuromodulation device with 32 channel EEG
YOI: 2022
Funding Raised: 0.50 Cr

Startup Name: Assistaid Healthcare Pvt Ltd
Innovation: Portable all-in-one dynamometer that can measure handgrip strength, finger strength, back strength, neck strength, leg strength, foot strength and arm strength.
YOI: 2022
Funding Raised: 0.22 Cr

Biotechnology

Startup Name: Adit Bioscience Pvt Ltd
Innovation: Developing an alternate technology that aims to attain higher conception rate with better quality
YOI: 2017
Funding Raised: 1.87 Cr

Startup Name: IUVA LABS Pvt Ltd
Innovation: The company is working on introducing milk-producing instructions to the cells in the form of DNA.
YOI: 2021
Funding Raised: 0.30 cr

Startup Name: Jas Biotech Llp
Innovation: Bio-sunscreen Product formulation using Mycosporine-Like Amino Acids MAAs of Cyanobacteria
YOI: 2021
Funding Raised: 0.50 Cr

Agriculture

Startup Name: Bariflo Labs Pvt Ltd
Innovation: The project have huge application in rejuvenating the water bodies, brackish water inland aquaculture, urban water body rejuvenation.
YOI: 2019
Funding Raised: 1.5 Cr

Startup Name: Visargha Agrisciences Pvt Ltd
Innovation: Development Of A Genetic Transformation Kit For Plants
YOI: 2016
Funding Raised: 0.50 Cr

Startup Name: Quickblue Oral Care Pvt Ltd
Innovation: This device will help in early diagnosis of oral potentially malignant and malignant disorders and prevent delay in diagnosis.
YOI: 2018
Funding Raised: 0.50 Cr

Startup Name: Whatnot Dental Solutions Pvt Ltd
Innovation: The proposal is designed to manufacture Endodontic (Root canal therapy) File Viewing Apparatus or device which will help the clinician to better understand the condition of the files used in the therapy.
YOI: 2018
Funding Raised: 0.65 Cr

Startup Name: Pro-Biokem India Pvt Ltd
Innovation: Production of synthesized silica powder from waste rice husk, which can be, used in healthcare, petrochemical, plastic, food processing and brewery industries.
YOI: 2017
Funding Raised: 0.82 Cr

Startup Name: Jayma Bioinnovations Pvt Ltd
Innovation: Fortified Biochar - Algal Biostimulants Nutrimix for Precision Agronomic-Fertilization
YOI: 2022
Funding Raised: 0.50 Cr

Startup Name: Biopioneer Pvt Ltd
Innovation: The novel formulation of protease inhibitor can be used for isolation of different proteins from the cell line, plant, microbes, tissue, nematodes etc.
YOI: 2018
Funding Raised: 0.65 Cr

Startup Name: Upsoil Technologies (OPC) Pvt Ltd
Innovation: The device will help rural farmers, urban farmers, urban gardeners, domestic gardeners, research labs, university students to know the exact quantity of their nutrients in the soil.
YOI: 2017
Funding Raised: 1.3 Cr

Startup Name: Balasore Agro Pvt Ltd
Innovation: The innovative seed sowing farm machinery can be used for seed sowing of pulses like – ground nut, black gram, Bengal gram, white gram, etc. It is also very effective for maize and dal related crops.
YOI: 2018
Funding Raised: 0.65 Cr

Startup Name: Villa Mart Pvt Ltd

Innovation: IR imaging for auto detective quality assessment of Fruits and Vegetables

YOI: 2022

Funding Raised: 0.50 Cr

ICT & Others

Startup Name: Ovest Technologies Pvt Ltd

Innovation: Number automatically rounds up everyday purchases and invest the spare change Spare change is invested through an RBI approved e-Mandate

YOI: 2022

Funding Raised: 15 lakh

Startup Name: Arishti CyberTech Pvt. Ltd.

Innovation: MessageMe™ is a first of its kind Enterprise Messaging platform for critical communications. With its Forensic and Investigation capabilities, the platform can be truly used for critical communications.

YOI: 2021

Funding Raised: 0.25 Cr

Startup Name: MokkoMotto Pvt Ltd

Innovation: A consumer durable product which can simultaneously charge a USB Type-C connector notebook, mobile phone, tablet & wearable making it "One Charger Powers all" device.

YOI: 2022

Funding Raised: 17 lakh

Startup Name: Felis Leo Widgets Pvt Ltd

Innovation: Developing a sustainable EV Future with our bio-degradable, non-toxic fast charge electric vehicle batteries from crop residue.

YOI: 2021

Funding Raised: 3Cr

Startup Name: Darubrahma Automation Robotics Pvt Ltd

Innovation: The device can be used to detect all the land mines and bombs, fire at enemies during war, tracking and follow the object or person, carry weight up to 40 kg, extinguish fire and measure the carbon dioxide gas.

YOI: 2021

Funding Raised: 10 lakhs

TRAILBLAZERS

Bariflo Labs Pvt Ltd

Founder: Mrutyunjaya Sahu



Innovation: The project have huge application in rejuvenating the water bodies, brackish water inland aquaculture, urban water body rejuvenation

Sector: Agriculture

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

Balasore Agro Pvt Ltd

Founder: Manoranjan Das Adhikari



Innovation: The innovative seed sowing farm machinery can be used for seed sowing of pulses like – groundnut, black gram, Bengal gram, white gram, etc. It is also very effective for maize and dal related crops.

Sector: Agriculture

Achievements:

- ▶ Raised INR 49.48 lakhs grant-in-aid from BIRAC BIG scheme.
- ▶ Raised INR 15 lakhs grant-in-aid from startup Odisha Product Development and Marketing fund.

Pro-Biokem India Pvt Ltd



Founder: Mahhamad Gulebahar Sheikh, Baisun Nesha

Innovation: The synthesized silica powder can be used in healthcare, petrochemical, plastic, food processing and brewery industries. The cellulose powder can be used as Processed food texturizer, Instant Beverages gelling agent, Cosmetics fat substitute, Tablet manufacturing binder, etc.

Sector: Waste Management

Achievements:

- ▶ Received BIRAC BIG Grant worth INR 50 lakhs
- ▶ Received BIRAC SEED fund worth INR 25 lakhs
- ▶ Received Startup Odisha Product Development Fund worth INR 12.5 lakhs

Felis Leo Widgets Pvt Ltd

Founders: Nikita Baliarsingh, Nishita Baliarsingh



Innovation: At Nexus we're building a sustainable EV Future with our bio-degradable, non-toxic fast charge electric vehicle batteries from crop residue. These batteries are made out of earth abundant materials with higher energy density & better performance.

Sector: Clean Energy

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 INR 11 Lakhs
- ▶ Listed under Forbes 30 Under 30 both Asia and India for the year 2021.
- ▶ Appreciated and highlighted in MG Changemakers, Vogue India, Entrepreneurs – women to watch etc.
- ▶ Raised INR 2 Cr from JITO Angel Network

Prantae Solutions Pvt Ltd (OPC)

Founder: Sumona Karjee Mishra



Innovation: The kit can be used for urine microalbumin measurement for early diagnosis of CKD in diabetic patients, hypertension patients, geriatric people, etc.

Sector: Healthcare: Diagnostics

Achievements:

- ▶ Founder Sumona Karjee Mishra has received BIRAC SIIP Fellowship
- ▶ Raised INR 1.2 Cr from BPCL Ankur
- ▶ Raised INR 30 lakhs from Millenium Alliance
- ▶ Received BIRAC GCE India worth INR 35 lakhs
- ▶ Received MeitY SASACT Fund worth INR 20 lakhs
- ▶ Received BIRAC TiE WinER Award worth INR 5 lakhs
- ▶ Received Swayam Siddha Samman worth INR 1 lakh
- ▶ Received TATA Trust Harvard SAI worth INR 5 lakhs
- ▶ Received BIRAC – Ignite Award 2019
- ▶ Pride of Odisha Award (Make in Odisha Conclave 2018)

ProCyto Labs Pvt. Ltd.



Founders: Dr. Neera Singh, Ajay Verma

Innovation: “Development of a novel preservative-free barrier gel formulation for ocular allergies”. Area: Medical device, Usage: Eye drop for prevention and management of eye allergies

Sector: Healthcare-Drugs

Achievements:

- ▶ BIG-BIRAC (18th call) funding of Rs 50 lakhs

MokkoMotto Pvt Ltd



Founder: Subhendu Sekhar Satpathy

Innovation: A consumer durable product which can simultaneously charge a USB Type-C connector notebook, mobile phone, tablet and wearable making it "One Charger Powers all" device. An ultracompact size (half the size of credit card) with foldable AC plug makes it convenient to carry and charge any USB Type-C and Type-A charging connector portable device. Supports fast-charging technology like USB Type-C PD3.0, Qualcomm QC4, Samsung AFC, Huawei SCP/FCP, Apple 2.4

Sector: Electronics

Achievements:

- ▶ Raised INR 17 lakhs grant-in-aid from Startup India Seed Fund Scheme.

Whatnot Dental Solutions Pvt Ltd

Founders: Lora Mishra



Innovation: The proposal is designed to manufacture Endodontic (Root canal therapy) File Viewing Apparatus or device which will help the clinician to better understand the condition of the files used in the therapy and make them aware to discard the file before it undergoes separation in the patients root canal. The device aids in distinguishing between intact or unused files from used and distorted files, which have high tendency to separate in the root canal.

Sector: Healthcare-Device

Achievements:

- ▶ Supported under BIRAC BIG: 49.07 Lakhs
- ▶ Startup Odisha : 16 Lakhs

Inofinity Research and Development Pvt Ltd



Founder: Ashok Kumar Badamali

Innovation: The device can be used for victims of cardiac arrest due to Heart attack, Electrocution, Lightning injury, Drowning, Choking / food& drug allergies, Suffocation by fire / Chemical smoke

Sector: Healthcare: Diagnostics

Achievements:

- ▶ Received DST NIDHI PRAYAS worth INR 7 Lakhs
- ▶ Received Start Up Odisha Product Development Grant worth INR 16 Lakhs

Quickblue Oral Care Pvt Ltd

Founder: Swagatika Panda

Innovation: This device will help in early diagnosis of oral potentially malignant and malignant disorders and prevent delay in diagnosis. This invention also relates to detection of dysplasia in apparently normal looking oral mucosa which will be providing information during follow up visit of the patient who have already undergone surgery for oral cancer.smoke

Sector: Healthcare-Device

Achievements:

- ▶ Supported under BIRAC BIG worth INR 49.45 Lakhs
- ▶ Received the new drug status from DCGI, CDSCO

About

KIIT Technology Business Incubator

KIIT-TBI is intended for offering a conducive ecosystem to promote the innovation capacity of the start-ups/ SMEs and enable them to create new technology-based products and markets leading to job creation and thus strengthening the regional and national economy.

Bagged the **Best Technology Business Incubator** in India for the year 2017 by Ministry of Science & Technology, Government of India.

Facilities

- High-end Analytical Facility
- Bio Design Lab
- Fabrication Lab
- Conference / Meeting Room
- Incubation Space
- IP and Regulatory Support



Support

- Identification of Market Need
- Technology and Idea Validation
- Product Development
- Funding Assistance
- Networking & Mentoring
- IP/ Regulatory Support
- Technology Transfer

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