

Breakthrough Ventures:

Chronicles of STBI Nurtured Innovations



PATRONS



“ I believe that Indian solutions for global applications will become a helping hand for many nations in the world. ”

On Inauguration Session of StartUp Mahakumbh, March-2024

“ Proud of the strength and skills of India's Yuva Shakti, which has made India among the most attractive places for StartUps. ”

On National StartUp Day - 2025

Shri Narendra Modi
Hon'ble Prime Minister



Department of Science & Technology
Government of Gujarat



सत्यमेव जयते
गुजरात सरकार
Government of Gujarat



Savli Technology
& Business Incubator
Government of Gujarat

॥ उद्योजकम् सेवामहे ॥

Breakthrough Ventures

Chronicles of STBI Nurtured Innovations

PATRONS



#startupindia





Savli Technology
& Business Incubator
Government of Gujarat

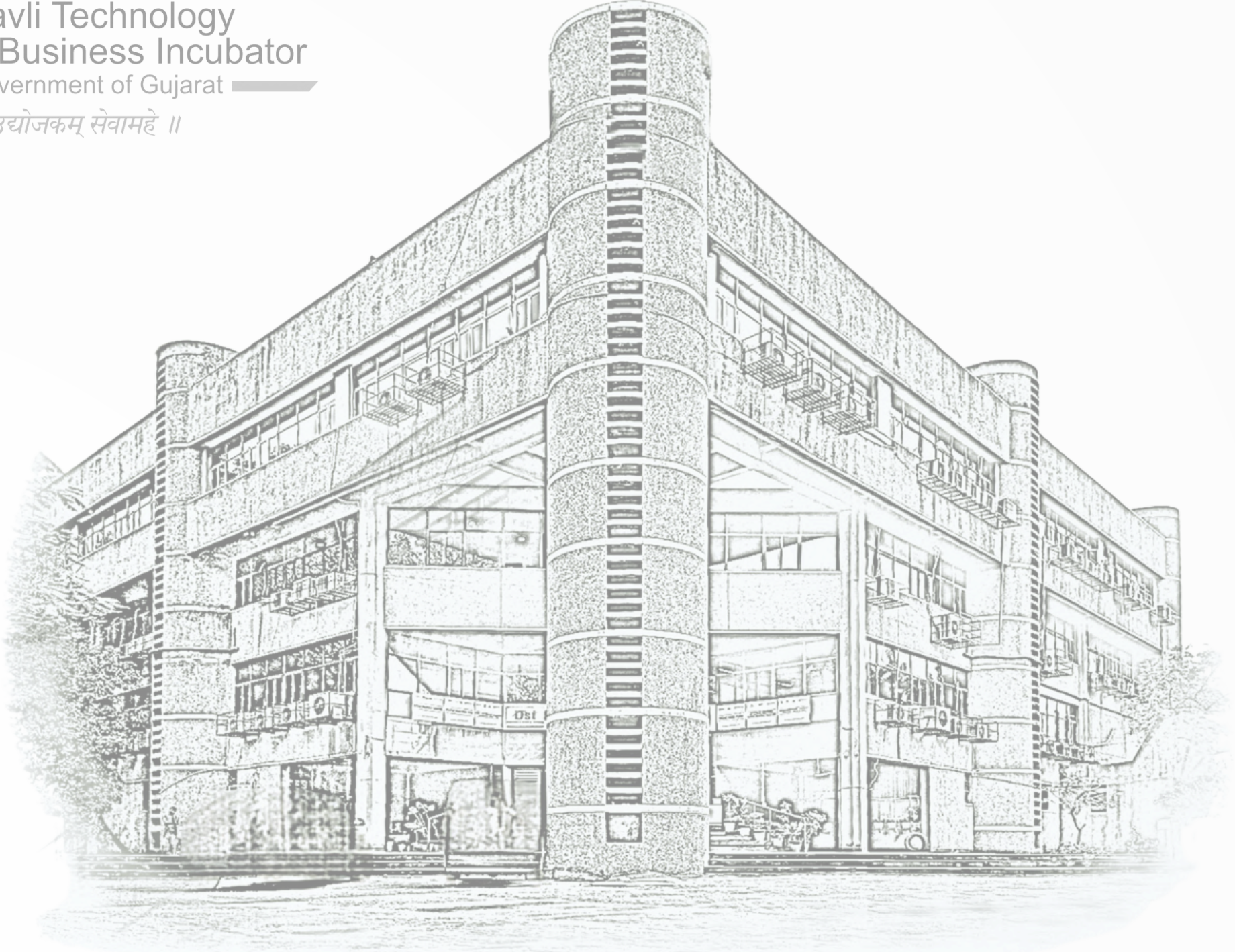
॥ उद्योजकम् सेवामहे ॥



Scan to arrive in
person at STBI



Scan for the
Virtual Tour of STBI





**Savli Technology
& Business Incubator**
Government of Gujarat 
॥ उद्योजकम् सेवामहे ॥

About STBI

The Savli Technology and Business Incubator (STBI), located within the GIDC-Savli Industrial Estate in Manjusar, Vadodara, Gujarat, is an autonomous organization established by the Department of Science and Technology, Government of Gujarat, and supported by various schemes and initiatives of Govt. of India. The incubator aims to nurture the start-up economy by facilitating the transformation of innovative ideas into viable businesses, thereby contributing to job creation and economic development in the region.

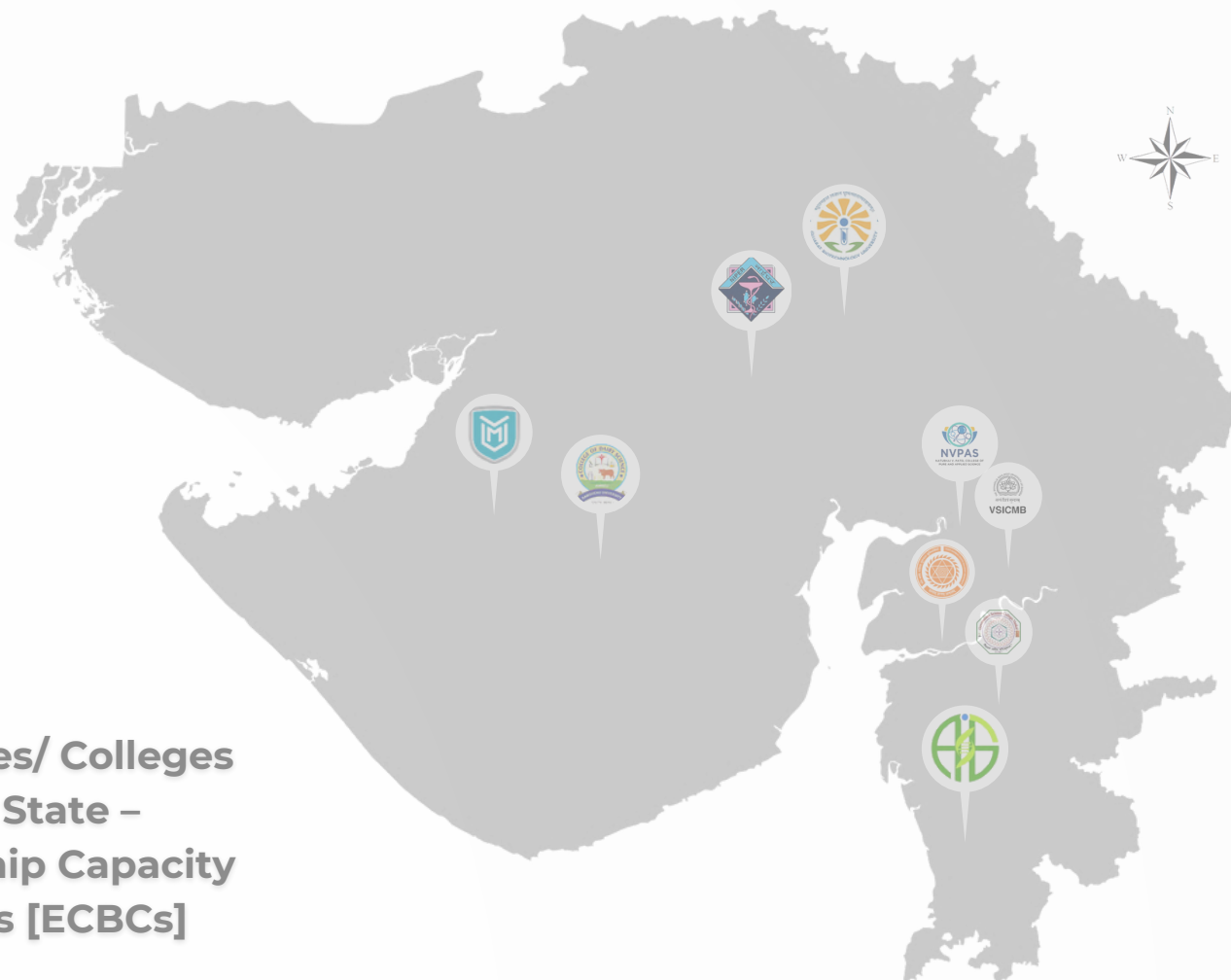
STBI has impacted over 150 start-ups, with the majority focusing on sectors such as Agri-Tech, Biotech, Clean Tech, Health Tech, Nano-Tech, and Med-Tech. Additionally, several start-ups have graduated from STBI and are now operating successfully with fully marketable products.

Since 2017, STBI has been a key contributor to the innovation ecosystem, particularly in the bio-innovation domain at both state and national levels, fostering innovation-driven entrepreneurship. Consistently ranked among the top five public bio-incubators in the three consecutive Biospectrum surveys, STBI has also been recognized in the Indian Bio-Economy Report 2024.

Spokes of STBI



**Nine Universities/ Colleges
across the State –
Entrepreneurship Capacity
Building Cells [ECBCs]**





Smt. P. Bharathi_{IAS}

SECRETARY TO GOVERNMENT OF GUJARAT
DEPARTMENT OF SCIENCE & TECHNOLOGY

The Department of Science & Technology is committed towards development of an entire ecosystem for Biotechnology. Gujarat was the first state to have come up with a dedicated Gujarat State Biotechnology Mission [GSBTM] in 2004 as nodal agency for overall development of Biotechnology that went on to develop all three verticals – Human Resource Development, Research & Development and Business Development that it needed to be restructured, and three Organizations were spun out of GSBTM between 2017 & 2019. Gujarat Biotechnology University (GBU), in deep collaboration with University of Edinburgh nurtures talent; Gujarat Biotechnology Research Center (GBRC) focuses on research & technology development; while Savli Technology & Business Incubator [STBI] nurtures Technology-led Entrepreneurship & Incubation – the culmination of Innovation for public good, at large.

The development of STBI over a Hub and a Spoke Model and development of an even larger Hub at Gandhinagar will give a boost to the Gujarat's thriving Tech-Start-up ecosystem. STBI is granularly involved in supporting Tech-Startups at every stage - ideation, proof-of-concept, technology validation, market access, scale-up and funding. The Department of Science & Technology remains dedicated to fostering an ecosystem for technology-driven enterprises to thrive and grow.

This Compendium of Start-ups showcases the outstanding innovations nurtured by our incubator, highlighting the dedication and ingenuity of entrepreneurs working towards transformative solutions. Each start up featured in this compendium is a testament to the spirit of innovation and the collective efforts of our ecosystem.

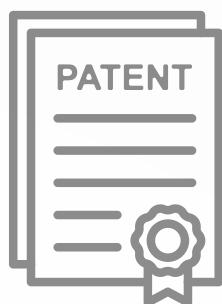
I extend my sincere congratulations to all start-ups, innovators, stakeholders who have contributed to this journey and also to STBI. I hope this compendium serves as a source of inspiration for aspiring entrepreneurs and further strengthens Gujarat's position as a hub for technology and innovation.

(P. Bharathi)

IP Portfolio of STBI Start-Ups



PATENTS



85+
Filed

35+
Granted

INDUSTRIAL DESIGNS



45+
Filed

35+
Granted

TRADEMARKS



75+
Filed

60+
Granted



सत्यमेव जयते

प्रवीण रॉय
वैज्ञानिक 'जी'/प्रमुख
Praveen Roy
Scientist 'G'/Head

टेक्नोलॉजी ट्रांसलेशन एवं इनोवेशन(टीटीआई) डिवीजन
विज्ञान और प्रौद्योगिकी विभाग
विज्ञान और प्रौद्योगिकी मंत्रालय
भारत सरकार
Technology Translation and Innovation (TTI) Division
Department of Science and Technology
Ministry of Science and Technology
Government of India



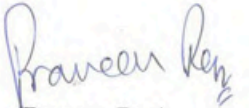
MR. PRAVEEN ROY
SCIENTIST 'G'/HEAD-TTI DIVISION
DEPARTMENT OF SCIENCE AND
TECHNOLOGY
GOVERNMENT OF INDIA

The Department of Science and Technology (DST), Government of India (GoI), has been at the forefront of fostering science and technology (S&T) driven entrepreneurship across the country. DST-GoI has taken pioneering steps in laying the foundation for India's innovation-led startup ecosystem.

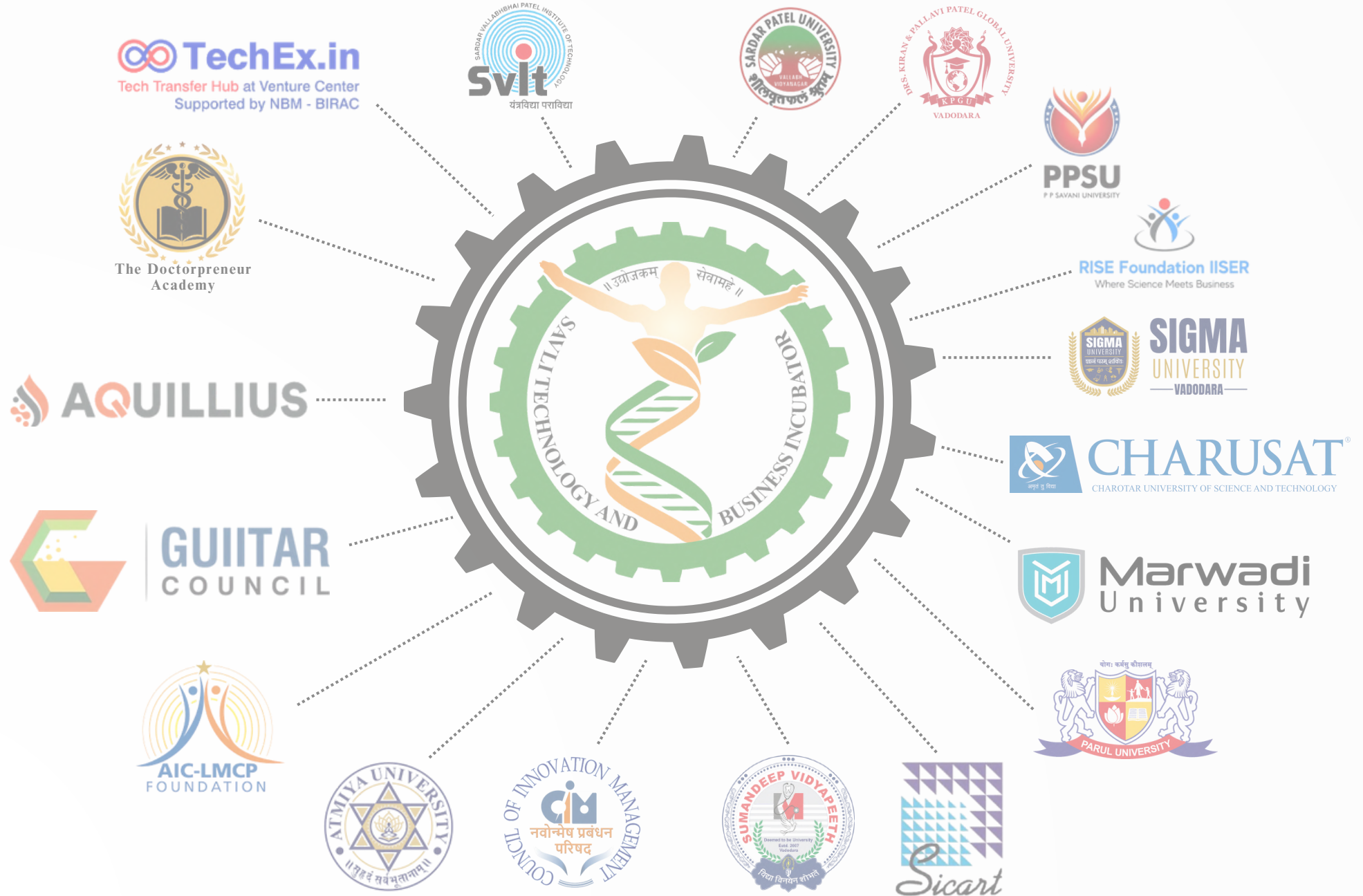
Over the years, DST has continued to support India's start-up journey through key programs like the National Initiative for Developing and Harnessing Innovations (NIDHI), which includes support for Proof-of-Concept, funding support to startups, deep-tech innovation initiatives, etc. that have helped transform research-driven ideas into successful startups. DST has also played a key role in promoting technology commercialization and advancing deep-tech fields like AI, Cyber Physical System, Quantum Technologies, Biotechnology, and IoT, etc. Supporting innovation-led enterprises has helped in positioning India as a global hub for start-ups in cutting-edge technologies.

DST-GoI has made significant contributions in Gujarat's growing technopreneur ecosystem, which is thriving under the leadership of DST-Gujarat. With robust support from both the Central and State Governments, and the proactive efforts of technology incubators, the state is making remarkable strides in fostering research-based enterprises. An example of this progress is the Savli Technology and Business Incubator (STBI), which exemplifies Gujarat's commitment to entrepreneurship by connecting academia, industry, and start-ups. This compendium of start-ups nurtured by STBI highlights the entrepreneurial spirit and technological excellence strengthening India's innovation landscape. STBI has strong credentials of creating thriving start-up clusters across the state and foster regional growth with collaboration between institutions, R&D centres and industries.

Our best wishes to STBI for shaping the future of Innovation and Technopreneurship.


(Praveen Roy)

STBI's Strategic Partnership





DR. JITENDRA KUMAR
MANAGING DIRECTOR,
BIOTECHNOLOGY INDUSTRY RESEARCH
ASSISTANCE COUNCIL (BIRAC)
DBT, GOVERNMENT OF INDIA

Biotechnology Industrial Research Assistance Council (BIRAC), a Non Profit, Public Sector Enterprise established by Department of Biotechnology, Government of India has been instrumental for creating industry-academia interface in driving the Bio-Innovation and entrepreneurship ecosystem of India through several impact Initiatives, like Biotechnology Ignition Grant (BIG), Small Business Innovation Research Initiative (SBIRI), Biotechnology Industry Partnership Programme (BIPP), Contract Research and Services Scheme (CRS), etc.

Identifying the especial requirement of plug & play laboratory space for a Bio based Start-ups, BIRAC has successfully implemented the flagship scheme 90+ BioNEST (Bio incubator Nurturing Entrepreneurship for Scaling Technologies), in collaboration with several host organization across the Nation. BIRAC provides funding, infrastructure, mentorship, helping biotech start-ups to grow from ideas to successful ventures. These efforts are fuelling Growth of Bio-based Start-ups and Bio-Economy of India with an aim to reach \$300 billion by 2030.

In alignment to national priorities, on one hand, BIRAC's thrust remains Antimicrobial resistance, anti-snake venom development, encouraging fostering women entrepreneurs through initiatives like BioCare and BIRAC-TiE WInER, etc, simultaneously BIRAC is playing key role in establishment of Bio-Manufacturing hubs across the country.

The National Biopharma Mission (NBM) a Special Initiative of DBT (GoI) with partnership of World Bank and implemented by BIRAC has created a remarkable impact in commercial production of Innovative Bio-Medical items in India Including Vaccines, Biologics, Bio-medical Device etc, and also facilitating commercialization of Intellectual Properties around Bio-medical domains through establishment of Technology Transfer Offices across India. Through these efforts, BIRAC is shaping India into a global biotech leader.

BIRAC takes immense pride in the fact that what started as an experimental initiative between Gujarat State Biotechnology Mission (GSBTM) and the then, BIRAP – named, 'Savli BioIncubator'; has successfully turned into a full grown 'Savli Technology and Business Incubator (STBI)' contributing to lead Bio-entrepreneurship ecosystem in the state.

This compendium is evidence of dedicated efforts of STBI as also the transformative impact of tech-led start-ups, driven by creativity, resilience, and collaboration. It reflects the collective efforts of innovators, mentors, ecosystem enablers and the governments in shaping a future where science and entrepreneurship thrive together.

Our best wishes are with STBI in their continued pursuit of excellence and a journey of impact, while building a robust innovation commercialization ecosystem in the region.


(Jitendra Kumar)
Managing Director

Patrons of STBI





Dr. Anand Bhadalkar

Director, Savli Technology and
Business Technology, Vadodara
GOVERNMENT OF GUJARAT

Foreword

A journey that started with a residential Entrepreneurship Development Programme – ‘Udyoge Shririyashah’ conceived by GSBTM in 2007; saw its transformation into Biotechnopreneur Programme® (BTP Prog.) in 2010 and to support the backward integration of an emerging Biotech Park, an experimental Savli BioIncubator (SBInc) shaped up in 2014, with support from the erstwhile BIRAP of DBT-Gol. The support of DST-Gol was instrumental in transformation of SBInc into a technology-agnostic Savli Technology and Business Incubator [STBI] under the aegis of Dept. of Science and Technology, Govt. of Gujarat.

This Compendium, thus, is a culmination of various efforts, manifestation of dreams of many and a testimony of many aspirations. A lot of Start-ups have been groomed and an even higher number of wanting-to-Startup guided, but the journey is only well begun. These Start-ups await to impact the world with their innovative products, technologies or business models. As the nation looks forward to celebrating its centenary by being a developed nation – Viksit Bharat@2047, the Start-ups are expected to play their roles and contribute to this huge aspiration.

This Compendium shall help enablers nurture the Start-ups better. The technologies that need clinical or field validations shall find partners in technical experts. The models awaiting scale-up shall find partners in contract manufacturers and other collaborators. This Compendium shall be handy for Investors, Bankers or for that matter, philanthropic agencies wanting to make the social impact.

No huge tasks have been accomplished without teamwork and this compendium is no exception. I take this opportunity to thank all my teammates, present & past, for their contribution. I also take this opportunity to thank all our patrons, collaborators, and MoU partners for their continued support and look forward to further support, as we rededicate ourselves to this mission of contributing to the knowledge economy in the journey of Viksit Bharat@2047.

(Dr. Anand Bhadalkar)

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STBI Clinics

IP Clini©



Scan to **Register**

R-Clinic
Regulatory Clinic



Scan to **Register**

**FUNDING
CLINIC**



Scan to **Register**

**FOCUSSED
CONSULTATIONS**



Scan to **Register**



HealthCare





Clean Rooms @STBI

*(Class 7 or equivalent to ISO
14644-1, 2, & 3 Certified)*



Pragmatech Healthcare Solutions Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 55 Months



Mr. Anirban Palit
Managing Director



Ms. Palna Patel
Outreach Lead



Dr. Sayantani Pramanik
Product Lead



Dr. Bhagirath Modi
Medical Affairs Lead

KEYWORDS

Cervical Cancer Diagnostic | Self Sampling Kit

SECTORS | SUBSECTORS

PoC Diagnostics | Cancer | Medical Devices

INNOVATION OVERVIEW

- Development of innovative, cost-effective healthcare solutions for India and low/middle-income countries.
- CerviCheck aims to make cervical cancer screening accessible for early detection and prevention.
- CerviCheck kit enables women to privately, comfortably and accurately collect cervical samples at home.
- Assures collection of high quality samples suitable for HPV testing and liquid based cytology.

REVENUE

Rs. 2.5 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 2150 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 180 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 135 Lakhs

SIGNIFICANT INVESTORS

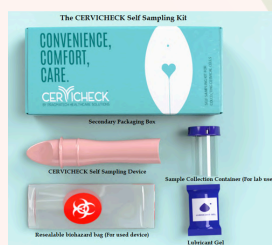
Kiretsu Forum | Namita Thapar



ACHIEVEMENT(S)

- Best StartUp Award at Global Bio India, 2023.
- Winner of Swissnex AIT 2020 organised by Swiss Consulate.
- Attended the 76th WHO world health assembly at Geneva, SWITZERLAND.

PRODUCT(S)/ SERVICES



CerviCheck

CerviCheck enables private, comfortable, and accurate cervical screening with a validated self-sampling device.

Molecular Diagnostic Test for HPV

CerviCheck enables instant detection of early cervical lesions, supporting WHO's screen-and-treat policy.



PATENT (S)

2 / 2

Granted/ Filed

INDUSTRIAL DESIGN (S)

2 / 2

Granted/ Filed

TRADEMARK

3 / 3

Granted/ Filed

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 115 Months



**Dr. Pankaj Kumar
Chhatrala**
CEO

KEYWORDS

Immobilizer | Fracture Treatment |
Orthopedic Injuries

INNOVATION OVERVIEW

- Washability, Breathability, Weight, Poor Skin hygiene of traditional fracture treatment
- FlexiOH Immobilizers are absolute washable casts facilitating washing of the fractured part with water providing the ultimate comfort to patients
- FlexiOH Immobilizers are breathable casts ensuring proper ventilation to the skin that prevents skin infections
- They provide bio-cushioning and prevent skin irritation or infection

PRODUCT(S)/ SERVICES



FlexiOH
Light Cured
Polymer Immobilizer

- A next-gen orthopedic immobilizer by OrthoHeal, patented and globally delivered
- Combines precision, rigidity, washability, and ventilation for optimal healing comfort

SECTORS | SUBSECTORS

Med-Tech | Med Device

REVENUE

Rs. 1199 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 16,365 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 1390 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 3498.3 Lakhs

ACHIEVEMENT(S)

- Received BIRAC SRISTI Award - 2015
- CII Industrial Innovation Awards - 2016
- National Startup Awards - 2022

PATENT (S)

7 / 23

Granted/ Filed

INDUSTRIAL DESIGN (S)

13 / 16

Granted/ Filed

TRADEMARK

17 / 20

Granted/ Filed



Age :149 Months

KEYWORDS

Diagnostics Medical Device and Tools |
Point of Care Testing Platform

SECTORS | SUBSECTORS

Med-Tech | Diagnostics & Med Device

INNOVATION OVERVIEW

- This point-of-care molecular diagnostics Start-up delivers rapid, accurate results directly at the site of care.
- By combining advanced molecular technology with user-friendly design, it enhances diagnostic efficiency, improves patient outcomes, and increases accessibility, making high-quality healthcare, widely available with accurate results available much sooner.

CURRENT POST-MONEY VALUATION

Rs. 2000 Lakhs

ACHIEVEMENT(S)

- CARBX cCAMP AMR quest 2020 winner (International accelerator program)
- Trend setter Award by Gujarat Innovation Society (GIS) 2019
- Best Innovation Award in IKMC

PRODUCT(S)/ SERVICES



AmpeZ

Novel genetically engineered enzyme for the portable device for point of care diagnostics

TRADEMARK

1 / 1

Granted/ Filed

Selection of Gujarat-based Innovators in international acceleration programmes or competitions is reflective of technology validation and maturity of the start-up ecosystem...!

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!





QRL BioSciences Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 46 Months



KEYWORDS

Cell Therapy | Chronic diseases



SECTORS | SUBSECTORS

Health Care | Bio-Therapeutics

INNOVATION OVERVIEW

- Chronic wounds such as Diabetic foot ulcers and osteoarthritis.
- Autologous cell therapy



PRIVATE FUNDING RECEIVED

Rs. 108 Lakhs



SEED/ GOVT. FUNDING RECEIVED

Rs. 20 Lakhs

PRODUCT(S)/ SERVICES

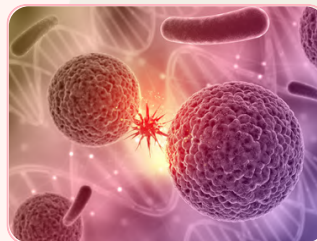
Biogen-CT

Cell-based Therapy for treating Chronic wounds



Biogen-OA

Cell-based therapy for treating Osteoarthritis



ACHIEVEMENT(S)

- Product development
- Product validation
- Setting up the manufacturing facility



Dr. Senthil Natesan
Director



Dr. Kranti Vora
Director



Mr Sanjay Bhagot
Director

Stay connected with STBI



Age : 89 Months

KEYWORDS

Traumatic Intracerebral | Intracranial Hemorrhage

SECTORS | SUBSECTORS

Med-Tech | Medical Device

INNOVATION OVERVIEW

- According to WHO statistics, brain haemorrhage is the leading cause of disability in the world and affects the most productive age group of 25-40 years. Around 69 million people are affected every year globally.
- An objective handy assessment tool is needed for detecting these silent injuries.
- Bioscan Research has developed 'Cerebo', a handy, non-invasive, fully automatic device for detecting intracranial haemorrhage within a minute.
- CEREBO® novel application of near infrared spectroscopy makes it possible to detect intracranial haemorrhage non-invasively.

SEED/ GOVT. FUNDING RECEIVED

Rs. 193 Lakhs

ACHIEVEMENT(S)

- Best healthcare startup of India by StartHealth 2017
- Best healthcare startup of India by India Israel Innovation Challenge 2018
- Winner of CII Infosys Startuppreneur Award
- Best Incubatee Company in healthcare by ISBA 2019
- Hello tomorrow deep tech pioneers
- ASME ISHOW India 2020 Winner in healthcare
- Winner of empower 2019 by Zone Startups
- Winner of Pfizer India innovation competition
- Winner in Startup Category at DRDO Dare to Dream 2.0
- Best Innovation (Extramural) at DHR - ICMR Health Research Excellence Summit 2024

PRODUCT(S)/ SERVICES



Cerebo®

Non-invasive device for
detection of Intracranial
Hemorrhage

Capo®

Prevention of Cross
contamination while
using Cerebo ®

PATENT (S)

8 / 10

Granted/ Filed

INDUSTRIAL DESIGN (S)

3 / 3

Granted/ Filed

TRADEMARK

8 / 8

Granted/ Filed

More Information, More Start-Ups...?

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Age : 63 Months

KEYWORDS

Animal origin free proteins (Alternative proteins) | Serum Alternative

SECTORS | SUBSECTORS

Biotechnology/ Manufacturing | Therapeutics

INNOVATION OVERVIEW

- **Variability & Ethics** – Fetal bovine serum (FBS) causes inconsistencies and raises ethical concerns.
- **Serum-Free Need** – Safer, consistent alternatives are essential
- **Animal-Free Serum** – Uses recombinant factors for precision formulation
- **Scalable & Sustainable** – Suitable for diverse industries.

PRODUCT(S)/ SERVICES

FBS Alternative

It offers a sustainable, serum-free solution which supports robust cell culture without compromising on performance or ethical standards.

Smart Proteins (Animal-Origin Free Proteins)

Crafted with precision fermentation, our animal-origin-free proteins bring you high-quality, scalable alternatives for a wide range of biotech applications.

Growth Factors (Cytokines)

They are designed to drive optimal cell growth and differentiation, providing reliable, animal-free solutions that empower research and production.

Cell Culture Media and Reagents

Animal-Free Cell Culture – Consistent, high-performance media, buffers, and reagents. Ethical & Sustainable – Supports reliable research with optimized formulations.

REVENUE

Rs. 400 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 2600 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 125 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 38 Lakhs

SIGNIFICANT INVESTORS

Benzai10 | Indigram Labs Foundation

ACHIEVEMENT(S)

- GSBTM Policy Assistance (2016-2021), (2022-2027)
- Top 100 Global Startups selected in the Centurion Stage Startup Competition by Lemon Ideas.
- DST Nidhi Prayas: Selected under CIIE.CO mentorship for a year to foster innovation.



PATENT (S)

0 / 2

Granted/ Filled

TRADEMARK

1 / 1

Granted/ Filled



Age : 18 Months

KEYWORDS

Active Ingredients | Phytochemicals

SECTORS | SUBSECTORS

Cosmetics | Ingredient

INNOVATION OVERVIEW

- Import substitution and domestic innovation of active cosmetic ingredients
- Revolutionizing Active Ingredient Extraction for Cosmetics
- Integrating a holistic approach with innovative extraction technologies to enhance purity, sustainability, and efficacy in active cosmetic ingredient sourcing

PRODUCT(S)/ SERVICES

Phytochemical Extraction

Extracting of phytochemical using ultrasonic assisted solvent extraction from botanical sources



Mr. Vishva Chokshi
Director



Mr. Vashishth Agaja
Director

STBI is looking forward to reversing Brain-drain or Brain-gain

Increasingly, many Indian students that have studied/ studying abroad are looking forward to creating sustainable impacts by exploring Biotechnopreneurship.

Indian Scientific Diaspora abroad are finding it rewarding to explore ideation or incubation, back in India, in ecosystems that can provide full-fledged support & hand-holding through-out the Start-up lifecycle like that in Gujarat

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 96 Months

KEYWORDS

Bone Grafts | Biotechnology

SECTORS | SUBSECTORS

Health Care | Med Grafts/ Implants

INNOVATION OVERVIEW

- Critical storage of bone grafts.
- Establishment or availability of Bone Bank.
- Less availability of bone grafts for implant purpose.
- Bone banking includes technology for processing, storing (cryopreservation and lyophilization) and distribution of grafts.

PRODUCT(S)/ SERVICES



Bone Bank

- Enhanced Patient Care: Provides processed allografts for better orthopedic outcomes.
- Medical Advancement: Supports research, education, and healthcare collaborations.
- Improved Access: Local supply lowers costs and strengthens Gujarat's healthcare.



Bacoma

- New Standard: Advanced external fixation for trauma deformity.
- Infection Control: Acts as a barrier, reducing pin site infections.
- Better Healing: Holds skin, minimizing exudates and necrosis.



Coronary Shunts

- Purpose: Temporarily diverts blood during heart surgery.
- Function: Keeps the artery clear for surgical work.
- Removal: Taken out after restoring normal blood flow.

PATENT (S)

4 / 4

Granted/ Filed

TRADEMARK

5 / 6

Granted/ Filed

ACHIEVEMENT(S)

- Market Traction: Gained recognition with multiple products.
- Licensing Deal: Products to be licensed by OrthoHeal Pvt Ltd.
- Healthcare Impact: Advancing orthopedic solutions in Gujarat.



Ms. Nidhi Chhatrala
Founder



Dr. Pankaj Chhatrala
Co-Founder





Age : 17 Months



KEYWORDS

Apical negative pressure irrigation | ANPI Device | Root Canal (RCT) | Irrigation Device



SECTORS | SUBSECTORS

Med-Tech | Med Device



CURRENT POST-MONEY VALUATION

Rs. 150 Lakhs



SEED/ GOVT. FUNDING RECEIVED

Rs. 20 Lakhs



PATENT (S)

0 / 1

Granted/ Filed

TRADEMARK (S)

0 / 1

Granted/ Filed

INNOVATION OVERVIEW

- Eliminates chances of potential complication of Root Canal Treatment called Hypochlorite accident, a life-threatening medical emergency.
- Makes procedure comfortable for patient & convenient for dentist to carry out through its single hand operability.
- Device functionality is based upon pneumatic mechanism by using air compressor & Hi-Vacuum suction that are already present in Dental clinics.
- Major innovative element of this device is its angulated, hybrid, co-axial & bidirectional needle.

PRODUCT(S)/ SERVICES

iVac-Endo

India's first & only ANPI device

Prevents complication in root canal treatment. makes root canals last 3X longer than conventional with 80% reduction in pain & discomfort.



Dr. Anup Kakwani
Founder

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!





Age : 31 Months



KEYWORDS

Heart Failure | IoT



SECTORS | SUBSECTORS

Health Care | Medical Device



PATENT (S)

0 / 1

Granted/ Filled



ACHIEVEMENT(S)

- Provisional Patent Filled

INNOVATION OVERVIEW

- Accurate diagnosis of heart failure
- Feasibility of use and diagnosis by primary health care workers
- Confounders and comorbidity adjusted algorithm for accurate prediction of heart failure
- Algorithm is integrated in IOT device for better interpretation of commonly used biomarker

PRODUCT(S)/ SERVICES

Algorithm based device for accurate diagnosis of Heart Failure

- Enhanced Diagnosis – Improves heart failure risk assessment beyond Brain natriuretic peptide (BNP) levels.
- IoT-Based Device – Connects analyzers for real-time data and personalized care.



Dr. Komal Shah
Founder



Dr. Kamal Sharma
Co-founder



Integration of diverse fields of STEM – Molecular Markers, Sensors, IoT, etc. come together to make some life-saving devices...!



Age : 28 Months



KEYWORDS

Medical Device and Tools | IoT



SECTORS | SUBSECTORS

Med-Tech | Med Device



INNOVATION OVERVIEW

- IoT based automated medication management system
- Tracking of medication adherence
- Convenience of remote caretaking



PATENT (S)

0 / 1

Granted/ Filed



PRODUCT(S)/ SERVICES

Properdose Pill Dispenser

- IoT based automated pill dispenser for chronic patients.
- This would help them in reminding, dispensing and notifying about their medication adherence.



Mr. Sanjay Sonwani
Director



Ms. Tina Sonwani
Director

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 21 Months

KEYWORDS

Peptide | Small Molecules

SECTORS | SUBSECTORS

Health Care | Bio-Molecules

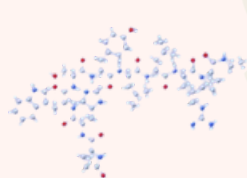
INNOVATION OVERVIEW

- Development of synthesis and purification process of Leuprolide peptide which are environmentally and economically welcoming.
- The 2-methyl Tetrahydrofuran (THF), ethylacetate and combination of both solvent with one or more polar solvent example IPA is suitable for replacement of DMF (dimethylformamide) and NMP (N-methyl-2-pyrrolidone) in peptide synthesis.

ACHIEVEMENT(S)

- Proof of concept is completed.
- Established new process of manufacturing till crude stage.

PRODUCT(S)/ SERVICES



Peptide-1

Eco-friendly alternatives for synthesis and process development of Peptide and Oligonucleotide.



Peptide-2

Eco-friendly alternatives for synthesis and process development of Peptide and Oligonucleotide.

Women-led technopreneurship is celebrated at STBI. A large number of Start-ups nurtured by STBI have at least one woman co-founder and indeed quite a few have majority founders as women – a very welcome trend that Gujarat looks forward to champion...!



Ms. Riddhi Lalani
Director



Ms. Sarika Mantri
Director



Ms. Sanskriti Parashar
Director





SUV Biologicals (OPC) Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 12 Months



KEYWORDS

IVD Raw Materials | Antigen & Antibody



SECTORS | SUBSECTORS

Health Care | Pharma

INNOVATION OVERVIEW

Monoclonal Antibody Development for IVD

- **Advances in mAb development:** Improved technologies for generating high-affinity, specific mAbs.
- **Increased demand for IVD applications:** Growing need for precise, reliable diagnostic tests.
- **Innovative applications:** mAbs being explored for biomarker detection, point-of-care testing, and companion diagnostics.
- Enhanced diagnostic accuracy
- Improved patient outcomes
- Increased efficiency in IVD testing



PRIVATE FUNDING RECEIVED

Rs. 42.5 Lakhs



Mr. Nimeshkumar Gandhi
Founder

Being AtmaNirbhar in the raw material for in vitro diagnostics, can create a multiplier effect to the emerging space of development of indigenous molecular diagnostics...!

PRODUCT(S)/ SERVICES



Polyclonal and
Monoclonal Antibodies



IVD Reagents

More Information, More Start-Ups...?

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explore More opportunities...!



Age : 18 Months

KEYWORDS

Rapid Diagnostic | Diagnostics Uncut Sheet

SECTORS | SUBSECTORS

Healthcare | Molecular Diagnostics

INNOVATION OVERVIEW

- Development of cost-effective Malaria test formulation.
- Secure test licenses and ensure regulatory compliance.
- Equip facility for efficient production scaling.

ACHIEVEMENT(S)

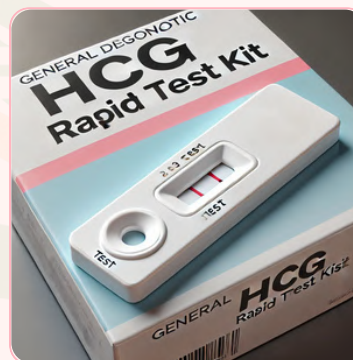
- **hCG Rapid Test:** Prototype completed; licenses obtained.
- **Typhoid Rapid Test:** Prototype completed; licenses obtained.
- **Malaria Rapid Test:** Ongoing development focused on cost reduction and efficiency.

PRODUCT(S)/ SERVICES

Malarian Kit (Uncut Sheet)



hCG Rapid Test



Ms. Bhumibahen Patel
Director



Mr. Hasnain Bansiwala
Director



Age : 42 Months

KEYWORDS

Development of Biosimilars |
Manufacturing of Biosimilars

SECTORS | SUBSECTORS

Health Care | Pharma

INNOVATION OVERVIEW

- Novumgen biologics is addressing the growing demand for affordable, high-quality drugs as healthcare costs rise.
- Developing high-quality, cost-effective biosimilars and biologics for India.
- Bacterial expression of biosimilars

ACHIEVEMENT(S)

- **Teriparatide Injection** - Fermenter studies are in progress, ready for Technology transfer.
- **Somatropin Injection** - Gene expression studies are completed, Shake flask studies are in progress.
- **Liraglutide injection** - Gene expression studies are in progress.

PRODUCT(S)/ SERVICES

Teriparatide Injection (250mcg/mL)

Solution for injection for subcutaneous administration indicated in Management and treatment of osteoporosis.

Somatropin Injection (12mg/mL)

Solution for injection for subcutaneous administration indicated to replace growth hormone in adults and children with growth hormone deficiency.

Liraglutide (6mg/ml)

Solution for injection for subcutaneous administration indicated to control blood sugar levels.



Mr. Devalkumar Patel
Director



Mr. Kamleshkumar Patel
Director



Ms. Hetalbaben Patel
Director



More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 140 Months

Mr. Rushang Patel
PartnerMr. Devalkumar Patel
PartnerMr. Maheshbhai Patel
Partner**KEYWORDS**Development of Biosimilars |
Manufacturing of Biosimilars**INNOVATION OVERVIEW**

- **Affordable Solutions:** Developing high-quality, cost-effective biosimilars and biologics.
- **Global Standards:** Advanced technology ensures international-quality treatments for India.
- Bacterial expression biosimilars

PRODUCT(S)/ SERVICES**Teriparatide Injection**
(250mcg/mL)

Solution for injection for subcutaneous administration indicated in Management and treatment of osteoporosis.

Somatropin for Injection
(12mg/mL)

Solution for injection for subcutaneous administration indicated to replace growth hormone in adults and children with growth hormone deficiency.

Liraglutide for injection
(6 mg/mL)

Solution for injection for subcutaneous administration indicated to control blood sugar levels

SECTORS | SUBSECTORS

Healthcare | Pharma

REVENUE

Rs. 3930 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 135.92 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 124.43 Lakhs

SIGNIFICANT INVESTORSOmbit Pharma Pvt. Ltd. |
Govindbhai Patel**ACHIEVEMENT(S)**

- Teriparatide Injection- Fermenter studies are in progress, ready for Technology transfer.
- Somatropin Injection - Gene expression studies are completed, Shake flask studies are in progress.
- Liraglutide injection - Gene expression studies are in progress.

Mrs. Vency Patel
PartnerMrs. Meenaben Patel
Partner

Age : 37 Months



Dr. Nirav Chauhan
Managing Director



Mr. Pravinkumar Chauhan
Director



Mrs. Bhavnaben Chauhan
Director

KEYWORDS

Nanoparticle of cytotoxic drug |
Nanoparticulate based antibody drug conjugates

INNOVATION OVERVIEW

- Traditional therapies like chemotherapy and radiation harm both healthy and cancer cells, causing significant collateral damage.
- Severe side effects from these treatments reduce patient quality of life and adherence to therapy, and limiting effectiveness.
- NADCs (Nanoparticulate Antibody Drug Conjugates) precisely target cancer cells, sparing healthy tissue and minimizing systemic toxicity.
- This offers safer, more effective cancer treatment by combining nanoparticles, monoclonal antibodies, and stable linkers for targeted drug delivery.

SECTORS | SUBSECTORS

Healthcare | Biopharma | Cell based Therapeutics

SEED/ GOVT. FUNDING RECEIVED

Rs. 26.47 Lakhs



ACHIEVEMENT(S)

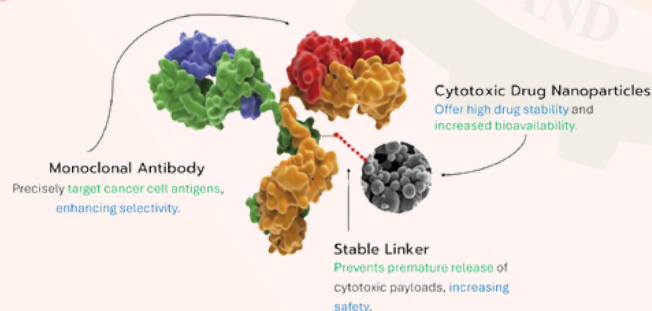
Received gold award from
Makerfest vadodara

PATENT (S)

0 / 1

Granted/ Filed

PRODUCT(S)/ SERVICES



NADC: Nanoparticulate based antibody drug conjugates

- Targeted Therapy: Combines nanoparticles, antibodies, and linkers for precision treatment.
- Enhanced Efficacy: Delivers drugs to cancer cells, reducing side effects.

More Information, More Start-Ups...?

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explore More opportunities...!





MCV Laboratories Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 19 Months



Dr. Maheshkumar Varia
Director



Mrs. Parulben Varia
Director



KEYWORDS

Active pharmaceutical intermediates (API) |
Key starting materials for APIs



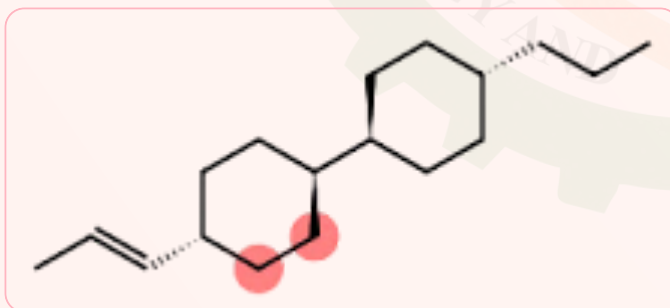
INNOVATION OVERVIEW

- Fluorine base intermediate, which are importing from China.
- Advancing oncology intermediates, piloting and scaleup to compete China.
- Competitive R&D: Advancing oncology intermediates to rival China.
- Key Compounds: Producing boronic esters and acids, Florinated intermediates for API synthesis.



PRODUCT(S)/ SERVICES

3HHV1 is a high-performance display device chemical monomer, successfully developed and scaled up for international clients.



SECTORS | SUBSECTORS

Science/ Manufacturing | Pharmaceutical Product Development



REVENUE
Rs. 18 Lakhs



SEED/ GOVT. FUNDING RECEIVED
Rs. 25 Lakhs



ACHIEVEMENT(S)

Surpassed China in 3HHV1 chemical purity and cost efficiency.



Age : 66 Months



Mr. C. L. J. Krishna Rao
Director



Prof. C. N. Murthy
Director



Dr. Harindu Vyas
Director



Ms. Durga Swetha
Director



KEYWORDS

Biosensors | Nano Metal Oxides



SECTORS | SUBSECTORS

Nanotechnology | Nanomaterial-Therapeutics



INNOVATION OVERVIEW

- Nano metal oxides from bottom up approach
- Biosensors from nanomaterials
- Aqueous based synthetic method for nanomaterials
- POS method for virus detection



ACHIEVEMENT(S)

- Nano Zink process has been patented.
- Batch scale commercial production is in progress.



PATENT (S)

1/1

Granted/ Filed



PRODUCT(S)/ SERVICES

Nano Zink

- Nano Zink is size-controlled nano zinc oxide. Produced using the polymerization method
- the Nano Zink powder is extremely even-sized with particle size ranging from 100-150nm.
- This product can be used in various biomedical applications and niche applications.

STBI encourages pilots for Research Commercialization by Academicians and Researchers by providing the much-needed research infrastructure, instrumentation, mentoring, etc. FREE-OF-COST initially, while helping to avail funds, resources, etc. & weave a viable business model.

More Information, More Start-Ups...?

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Age : 72 Months



Mr. Ajinkya Puranik
CEO



Mr. Yogesh Patel
MD

KEYWORDS

Portable ECG Machine | Pocket ECG Machine

SECTORS | SUBSECTORS

Med-Tech | Med Device

INNOVATION OVERVIEW

- Replacement of High Cost and Size of 12 channel ECG machine
- Maintenance and calibration - friendly
- Supports IoT System IoT and digital reporting
- Low cost, portable
- No need of maintenance and calibration
- Support of lot and digital report

ACHIEVEMENT(S)

- Appreciated by CM of Gujarat
- Recognized by Governor of Maharashtra

REVENUE
Rs. 200 Lakhs

PRODUCT(S)/ SERVICES



Dr. Cardio 12 Channel ECG Machine

Portable 12 Channel ECG Machine

Kavitul Technologies' brings you the world's smallest 12-channel portable ECG machine. This 12-channel portable ECG machine is a lightweight, mobile-controlled device that can operate all 12 channels at the same time. The handy device can be connected to any Android device, such as a mobile phone or tablet, through Bluetooth. The report is released in the form of a PDF.



Age : 30 Months



Mr. Vaibhav Shitole
Founder and MD



Dr. Prasoon Kumar
Co-founder



Mr. Pradeep Verma
Co-founder



KEYWORDS

Medical Devices and Diagnostics |
Non-invasive diagnostic



INNOVATION OVERVIEW

- Bringing healthcare innovation to all
- Improving access to diagnostic services in remote areas
- BioSampler - Bringing diagnostic access to doorsteps and remote areas



PRODUCT(S)/ SERVICES

Bio-Sampler

- IoT A Bio-Sampler™ enables collection, storage, and transport of blood and biological fluids using Dry Matrix Technology.
- It supports micro-sampling for efficient diagnostic applications.



SECTORS | SUBSECTORS

Health Care | Med Tech



REVENUE
Rs. 10 Lakhs



**CURRENT
POST-MONEY
VALUATION**
Rs. 3200 Lakhs



PRIVATE FUNDING RECEIVED
Rs. 100 Lakhs



SEED/ GOVT. FUNDING RECEIVED
Rs. 51.4 Lakhs



SIGNIFICANT INVESTORS
IIMA Venture | STBI



ACHIEVEMENT(S)

- SITARE GYTI Award - Recognized Emerging Startup in Biotech by Shri Ashwini Vaishnaw, Union Minister of Railways, IT, GOI
- Winner in Tech Category- TieCon Vadodara



PATENT (S)

1 / 3

Granted/ Filed

INDUSTRIAL DESIGN (S)

2 / 2

Granted/ Filed

TRADEMARK

2 / 4

Granted/ Filed

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 74 Months



Mr. Gunjan Patel
Founder



Ms. Bhumika Patel
Co-Founder

KEYWORDS

Motion Analysis | Human Performance

SECTORS | SUBSECTORS

Med-Tech | Sports Science

INNOVATION OVERVIEW

- **Locomotion Disability in Bharat:** 80 million affected by cerebral palsy, stroke, orthopedic-neurologic disorders, and accidents.
- **Sports Injuries & Medal Loss:** Common among athletes; injuries impacted India's performance at Paris 2024.
- **Rising Disability Burden:** 4 million people disabled annually, ranking as the 10th leading cause of nonfatal burden.
- **MoveAxon & GaitSense:** Patented, portable, and marker-less technology for accurate, affordable human performance analysis in sports, health, and wellness.
- **Bharat's First in Sports Biomechanics:** A pioneering startup innovation for athlete performance and gait analysis.

REVENUE

Rs. 12 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 17.5 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 17 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 100 Lakhs

SIGNIFICANT INVESTORS

BIRAC-SEED | IIMA

ACHIEVEMENT(S)

- Hon'ble Gujarat CM Shri Bhupendra Patel launched - SynerSense Product officially in the Pre-Vibrant Gujarat 2024 Event.
- Winner of best Women Led Startup in Global Bio-India 2023, organized by BIRAC-DBT.

PRODUCT(S)/ SERVICES



DotSense®
Inertial Motion Capture Device



DOTSENSE & GAITSENSE

Motion Capture Device

MOVEAXON

Human Motion Analysis
Platform Application

PATENT (S)

0 / 2

Granted/ Filed

INDUSTRIAL DESIGN (S)

11 / 13

Granted/ Filed





Dentnovation LLP



Savli Technology
& Business Incubator
Government of Gujarat

Age : 53 Months



Dr. Urvi Rangrej
Chief Research Officer



Mr. Mukhtar Ahmed Saied
COO

KEYWORDS

Bone Densifications | Osteotome Device

SECTORS | SUBSECTORS

Health Care | Bone Grafts/ Implants

INNOVATION OVERVIEW

- Lack of advanced innovation
- Lack of availability of variety Instruments
- All In One instrument in single kit
- Lack of Economical Affordable options In India
- Aptness & Durability of implants
- Reduced post & during surgical Time
- Reduced Heat generation using nanotech Surface Coating
- Pain and inflammation management using nanotechnology

PRIVATE FUNDING RECEIVED

Rs. 45 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 25 Lakhs

PATENT (S)

1 / 6

Granted/ Filed

INDUSTRIAL DESIGN (S)

1 / 1

Granted/ Filed

PRODUCT(S)/ SERVICES



iPlant Burs

The iPlant Burs Kit is a cost-effective, rapid recovery tool kit developed to address common problems in dentistry

Urvskin

It will be a skin graft material to be used in skin transplantation or wound healing

NisarGraft

Nisargraft Bone is a bone graft material, likely used in dental implants or bone regeneration.

Ailoupes

Ailoupes are AI-driven augmented reality surgical loupes with integrated voice assistance.

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 17 Months



KEYWORDS

Medical Device | Orthopedic implants



SECTORS | SUBSECTORS

Health Care | Med Grafts/ Implants



Mr. Ankur Diwan
Founder



INNOVATION OVERVIEW

- Non-union fractures due to rigid fixation
- Delayed healing from stiff orthopedic plates
- Callus Micro Motion plate enables immediate full weight-bearing
- Induces earlier callus formation for faster and stronger healing



PATENT (S)

0 / 1

Granted/ Filed



ACHIEVEMENT(S)

- Proven with fatigue test
- Demonstrated faster and stronger fracture healing in patient

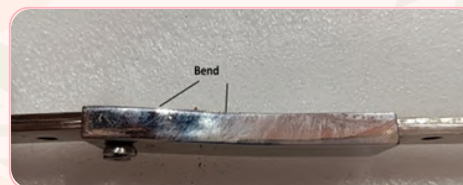


PRODUCT(S)/ SERVICES



Callus Plate for Orthopedic Implant

*An improved designed
Orthopedic Implants*



Callus Plate Locking Plate





Agriculture

Plant Tissue Culture Laboratory



Age : 37 Months



KEYWORDS

Biofertilizer | Organic Farming



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Secondary Agri-Product(s)



Mr. Prakash Vaghasiya

Founder & CEO



INNOVATION OVERVIEW

- High Cost of Organic Input
- Short Shelf life of Bio Fertilizer bacteria
- Mass Multiplication of bacteria using portable fermentation



SEED/ GOVT. FUNDING RECEIVED

Rs. 16 Lakhs



PATENT (S)

0 / 1

Granted/ Filled

TRADEMARK

0 / 1

Granted/ Filled



PRODUCT(S)/ SERVICES

MyLab

Mass Multiplication of bacteria
using portable fermentation



NATIONAL STARTUP AWARD

More Information, More Start-Ups...?

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explore More opportunities...!



Age : 65 Months



KEYWORDS

Biofertilizer | Organic Farming



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



**Mr. Chetankumar
Sohaliya**

R & D Head and
Marketing Promoter



**Ms. Kiranben
Sohaliya**

Co-founder



INNOVATION OVERVIEW

- Efforts are underway to isolate and cultivate more efficient beneficial microorganisms (bacteria and fungi) for improved nutrient availability.
- Innovative delivery systems are being developed to guarantee microbial survival and growth in soil.
- Combinations of microbial species are also being designed to achieve synergistic benefits.
- Nano and organic PGRs with essential nutrients and natural ingredients.
- Bacterial and fungal consortia for nutrient solubilization and soil health.



REVENUE

Rs. 21 Lakhs



**Organic fertilizer derived from
Molasses by nanotechnology**



PRODUCT(S)/ SERVICES



V Power

Nano PGR & Biostimulant
with Macro & Micronutrient



V Grow

V Grow is Organic PGR
with natural Ingredient.



V Soil Care

Anti-fungal and Anti-
bacterial



V BioCare

Bacterial Consortium





Agriloy Bioscience Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 24 Months



KEYWORDS

Mycorrhiza | Organic Inputs | Biofertilizers



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



REVENUE

Rs. 200 Lakhs



ACHIEVEMENT(S)

Isolation and gene sequencing done. Sequence submitted in National Library of Medicine (NCBI) GenBank Database (*Rhizophagus intraradices* and *R. fasciculatus*)



Mr. Jigar Mistry
Managing Director



Ms. Aditi Bijalwan
Director



INNOVATION OVERVIEW

- Effective, Genuine and True Organic input based on Mycorrhizal products.
- Technological advancement in Root colonization, Phosphate availability, and Root Organ Culture (*in-vitro*) development.
- Reduce dose per acre from 4 Kg upto 5-50 g/acre.



PRODUCT(S)/ SERVICES



GREENICAL VAM (MYCOTAB)

Mycorrhiza spore in a tablet
100g per acre



More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 99 Months



KEYWORDS

Agri Waste | Valuable Products



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



Mr. Dimpesh Gupta
Founder and CEO



Mr. Kalpan Kachhadiya
Co-founder and COO



INNOVATION OVERVIEW

- **Agri-Waste to Value:** Converting banana pseudostems into valuable products.
- **Farmer Challenges:** High field clearing costs (₹15,000-20,000/acre), soil pollution, and lost income opportunities.
- **Agri-Inputs Production:** Using anaerobic digestion of banana pseudostem sap with proprietary products.
- **Handicrafts:** Creating traditional handmade items from banana fibers.



PRODUCT(S)/ SERVICES



Greemanity's Kalptaru Biobooster

- The product is useful for all products and acts as a growth promoter alongwith increasing the fertility of the soil.
- It reduces the use of chemical fertilizers by 25% every year. The average increase in yield is 15-30% depending upon the crop and the climate



REVENUE

Rs. 15 Lakhs



CURRENT POST-MONEY VALUATION

Rs. 200 Lakhs



PRIVATE FUNDING RECEIVED

Rs. 30 Lakhs



SEED/ GOVT. FUNDING RECEIVED

Rs. 10 Lakhs



ACHIEVEMENT(S)

- Started a manufacturing unit in Ahmedabad.
- Startup has a team of 8 employees working towards the green mission.



Eco-friendly high capacity bags, lamp shades and cards

Consumption and recycling of Banana pseudostem to value added products as organic fertilizers, handmade papers and nutritional candies etc.





Phymone Biotech Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 14 Months



KEYWORDS

New Technology | Plant Tissue Culture



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



Dr. Rajesh Patkar
Co-founder



Dr. Priya Jishnu
Co-founder



INNOVATION OVERVIEW

- Lower yield and nutritional value of potato and similar food crop produce
- Developed an innovative biotechnology-based surrogate platform to produce a GMO-free spray product that enhances yield and nutritional value of food crop such as potatoes.

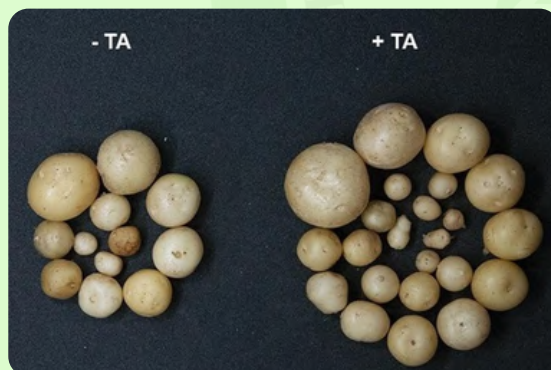


SEED/ GOVT. FUNDING RECEIVED

Rs. 15 Lakhs



PRODUCT(S)/ SERVICES



Agro-biostimulant

Increased yield and
nutritional value of Potato

STBI, hereby conveys its deep gratitude to the Directorate of Horticulture of Dept. of Agriculture, Farmers Welfare and Cooperation, Govt. of Gujarat for their assistance in getting validations of technologies in the Agricultural fields with their various Centres of Excellence and generous mentoring by the subject expert Officers of the Department, every time when any help is needed.

More Information, More Start-Ups...?

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KEYWORDS

Shrimp production | Plant protection | Aqua Life



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Aquaculture



Mr. Sandip Patel
CEO



INNOVATION OVERVIEW

- Rapid and repeated bacterial (*Vibrio* sp.) infection in shrimp pond decreased productivity and farmer earning
- Increasing shrimp production, better disease management
- Novel nanotechnology based product development



REVENUE

Rs. 30 Lakhs



PATENT (S)

0 / 1

Granted/ Filed



PRODUCT(S)/ SERVICES



Wasoclean

Eradication of bacterial and fungal disease in aquaculture and agriculture

WASOCLEAN is Concentrated Nanoparticles Dispersion added with Cocktail of Organic Phytochemicals Nanofilers



V-Gut

V-Gut reduces the chances of Vibriosis and White Gut Disease (WFD) in shrimp.



Agri Assure

Agri-Assure is a technical blend of Nano particles with phytochemicals. Agri Assure is unique promoter for crop health, growth & yield of plants.



Age : 113 Months



KEYWORDS

Enzyme Formulation | Customized Enzyme



SECTORS | SUBSECTORS

Industrial/Lab Bio-Product | Industrial Bio-Products



Mr. Adarsh Desai
Managing Director



INNOVATION OVERVIEW

- To develop solvent free papain that is stable and odourless
- Optimization of various filtration and concentration approaches
- Optimization of drying process



PRODUCT(S)/ SERVICES



Enzyme formulations and Manufacturing

Customized enzyme
formulations



STBI enables MSMEs and established start-ups to incrementally innovate and scale without disrupting their core operations. By leveraging STBI facilities, they de-risk technology and continue R&D without bringing significant alterations in their in-house resources and inventory. STBI also fosters cross-organizational collaborations amongst dynamic, innovation-driven teams.



More Information, More Start-Ups...?

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Age : 55 Months



KEYWORDS

Biofertilizers | Biopesticides | Bio-stimulants | Pheromones



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



REVENUE

Rs. 5 Lakhs



ACHIEVEMENT(S)

- Successfully developed consortium of fungal and bacterial bio-agents against parasitic nematode.
- Developed gel based bio-stimulant with six different species of bacterial and fungal bio-agents, it with lower dose per acre.



Ms. Anitha Selvaraj
Managing Director



INNOVATION OVERVIEW

- Co-fermentation technique enhances microbial efficiency in agriculture, optimising biofertilizers, biopesticides and biostimulants for sustainable crop production.
- Development of Biofertilizer by fed batch fermentation by controlling nutrient supply and enhanced microbial activity.



PRODUCT(S)/ SERVICES



NEMATIC

NEMATIC is a sustainable, biological nematode control for pest management.



TricoGel

Advanced gel technology for fungal disease control and act as a PGPR.





Masabi Agri-Tech LLP



Savli Technology
& Business Incubator
Government of Gujarat

Age : 37 Months



KEYWORDS

Waste to Wealth | Mushroom Cultivation



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Secondary Agri-Product(s)



Mr. Anil Satapathy

Founder & CEO

INNOVATION OVERVIEW

- **Farm Waste Pollution:** Discarded agricultural waste leads to pollution and lost sustainability opportunities.
- **PoP Idol Harm:** Traditional idols pollute water and harm aquatic life post-immersion.
- **Farmer Income Struggles:** Tribal farmers lack commercial avenues for agricultural waste.
- **Biodegradable Idols:** Mycelium-based idols dissolve safely, and reducing pollution.
- **Medicinal Plant Seeds:** Idols contain Mithi Dodi seeds, enabling plant growth.
- **Waste-to-Value Model:** Converts farm waste into lightweight, eco-friendly idols, boosting farmer incomes, ensuring sustainable development.

PRODUCT(S)/ SERVICES

Agriculture Waste
Based Ganesha Idol



This Ganapati idol dissolves to blossom as medicinal herb

Sachin Sharma
@timesgroup.com

Vadodara: It was an experiment aimed at making various articles using agriculture waste — a burning topic of pollution in many parts of the country. At this juncture, an innovator created one Ganapati idol from such waste and fungi last year as a prototype. The startup got Bappa's blessings and today it is a roaring success with large number of such eco-friendly idols being sold this festival.

Talking about eco-friendly, the concept started with cowdung Ganesha idols, but the founder of MASABA Agri-Tech startup, Anil Satapathy, took it a step further and made a successful attempt in making an idol using the binding property of mycelium — a root-like interwoven structure of a fungus.

Through his startup, Satapathy had been promoting cultivation of edible mushrooms, but decided to develop various items using the binding properties of mycelium of some fungi.

Satapathy says that the idols are biodegradable and whatever is left behind is mature nutritious for plants.

The 20 idols that he made this year even have seeds of Mithi Dodi or Javanti (Leptadenia Reculata) plant, which is a medicinal herb. After idols are dissolved in visar-



Anil Satapathy with eco-friendly idols of Lord Ganesha

jan, the leftover material can be added more soil to grow the plant. Javanti is known for its uses in cases of fever, infections, allergies, skin diseases, improving eyesight and others. Satapathy has been working extensively in the tribal areas of central Gujarat and selected two tribal farmers to get the agriculture waste. "If we successfully make products and these are marketed, the agriculture waste from half-a-bigha of land can generate revenue equal to two bighas of makhai (corn) produce in the tribal area," he says.

In the tribal areas, agricultural waste is largely dumped on the sides of the farm. Few are aware of the possible uses and returns they can get from it. When this waste is mixed with some types of fungi and kept in a mould, it takes the shape of the mould. This can then be dried and treated with bent.

The weight of each idol ranges from 300grams to 1.4kg for a height ranging from around one foot to 1.5foot. "The weight also depends on the design. If one were to make a clay idol of the same size, it would be 10 times heavier," said Satapathy. The idols dissolve in five to 10 minutes.

MASABA Agri-Tech is one of the seven agri-startups incubated at the Anand Agricultural University (AAU) that were given a grant by the Union agriculture ministry under the Remunerative Approaches for Agriculture and Allied Sector: Rejuvenation initiative under Rashtriya Krishi Vikas Yojana.

The startup has been supported by the Savli Technology and Business Incubator from where it operates.

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...



Age : 3 Months



KEYWORDS

Biopesticides and Biofertilizers | Plant nutrient



SECTORS | SUBSECTORS

Agriculture | Agri inputs/Pheromones



INNOVATION OVERVIEW

- **Soil Fertility Loss** - Biofertilizers (*Azospirillum*, *Rhizobium*, *Mycorrhiza*, *Trichoderma*) and compost improve nutrient availability.
- **Pest Infestations** - Biopesticides (*Paecilomyces lilacinus*, *Bacillus thuringiensis*), neem oil, and companion planting provide eco-friendly pest control.
- **Soil Erosion** - Cover crops, mulching, and agroforestry help in soil conservation.
- **Drought Stress** - Microbial biostimulants and mulching enhance water retention and root absorption.
- **Salinity Issues** - Halotolerant microbes, organic matter, and gypsum reduce soil salinity.
- Co-fermentation technology, where two or more microbial strains (bacteria, fungi, or yeast) are cultivated together in a controlled environment to enhance their beneficial activities.
- **Pheromone** - Bioagent Combination, Integrating microbial biocontrol agents with pheromone traps for sustainable pest control.
- Protein-based biostimulants are organic formulations derived from proteins, peptides, or amino acids.



ACHIEVEMENT(S)

- Developed new inhouse co-fermentation technology to produce various biofertilizers and bio-stimulants.
- Developed a mycorrhiza-enriched NPK formulation creates a high-value product with higher pricing potential than conventional fertilizers.



PATENT (S)

0 / 1

Granted/ Filed



PRODUCT(S)/ SERVICES

MychoRich

Mycorrhiza-based for root enhancement

RhizoPower

Root strengthening biostimulant

EnzyBoost

Enzyme powered plant growth

TerraBoost

Boosting soil and plant health



Ms. Krupa Bhatt
Co-founder



Ms. Anitha Selvaraj
Managing Director



Age : 146 Months



KEYWORDS

Microbial Consortium



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Agri-Inputs



INNOVATION OVERVIEW

- **Soil Degradation:** Chemical use depletes nutrients and microbial health
- **Need for Sustainable Solutions:** A microbial consortium can enhance fertility, boost yield, and support eco-friendly farming
- Production of Microbial Consortium and water dispersible granules



PRODUCT(S)/ SERVICES



Microbial Consortium (NPK)

Water dispersible granules



STBI has been encouraging Start-ups & MSMEs from outside the state or nation, to explore Soft-landing Opportunities at STBI.

- Such soft-landing helps them to explore the appetite and acceptance of their product/ technology, availability of resources, etc. before deciding to invest in the state.
- Such opportunities also help them to explore Research collaborations with Academic Organizations and/ or Start-ups in the state.
- Soft-landing opportunities also allows a kick-start to their operations, while waiting for their facility to be built or become regulatory-compliant, etc.

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Age : 72 Months



KEYWORDS

Fish Farming | Fish Transportation System



SECTORS | SUBSECTORS

Nanotechnology | Aquaculture



Mr Suvo Sircar

CEO



Dr Vivek Saha

MD & CBO



Mr Arindom Sanyal

CTO

INNOVATION OVERVIEW

- **Low Yield** – Traditional fish farming limits scalability.
- **High Mortality** – Poor water quality increases losses.
- **Waste & Loss** – Inefficient transport harms the value chain.
- **30x Productivity Boost** – Advanced RAS technology enhances fish farming yield.
- **4x Lower Mortality** – NBS Nano-Bubbling improves water quality and fish survival.
- **100x Waste Reduction** – Efficient live fish transport minimizes losses in the value chain.



ACHIEVEMENT(S)

- World Bank: Best Live Fish System Design
- Farm to Plate 2024: Sustainable Startup of the Year
- Indian Achievers Award 2020: Young Entrepreneur
- Global BioIndia 2021: Best Biotic Startup (BIRAC, DBT, GoI)
- National Startup Winner 2021: Sammaanati & MANAGE, GoI



PATENT (S)

2 / 9

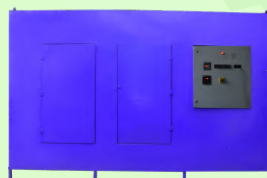
Granted/ Filed

TRADEMARK

3 / 3

Granted/ Filed

PRODUCT(S)/ SERVICES



Bluebox

RAS based nursery system



Neelvahan

Live Fish
transportation system





CleanTech

Developing Ecosystem for Green Chemistry



Gujarat is India's leading hub for the chemical and petrochemical industry, contributing significantly to the national output. However, the industry faces critical technological as well as geo-political disruptions-led economic challenges that necessitates chemical innovations for environmental sustainability, competitiveness, and compliance with global standards.

Key Challenges driving Need for Innovations

- Raw Material Dependency & Supply Chain Disruptions
- Environmental Concerns including Water & Energy Consumption, Process Efficiency, etc. matching Global Quality Standards against Market Competition
- Disposal of worn-out Solar panels/ eWastes, etc. challenges posed by emerging Sectors & need for Gold-standard Compliance retaining Cost Competitiveness

Initiatives undertaken for Chem-Innovations@STBI

- Innovations to end raw material dependency
- Green innovations for process efficiency & sustainability
- New-Age innovations for extracting precious metals/ resources from various wastes

STBI has found a partner in Polyprotic for developing sustainable, high-performance, and customized chemical solutions, ensuring industrial competitiveness, reducing dependency on imports, and meeting evolving environmental and regulatory standards. STBI also aspires to engage and contribute to develop a strong ecosystem fostering Industry-academia collaboration, enhancing R&D investments, and navigating government support needed to drive technology development & adoption, and commercialization of innovative chemical research solutions.



Age : 53 Months



Mr. Prateek Patel
Founder

KEYWORDS

Reuse | Bottled Water |
Replacement of Plastic Bottles in Home Use

INNOVATION OVERVIEW

- **Health Risks:** Potential health issues associated with the use of plastic in hospitality and tourism organizations.
- **Environmental Impact:** Accumulation of plastic waste and increased carbon footprints.
- **Dependency on Imports:** Reliance on imported single-use plastic materials.
- **Operational Challenges:** Inefficiencies in logistics, inconsistent quality control, and elevated costs due to single-use packaging.
- **Sustainable:** Reusable glass bottles with a deposit-refund scheme.
- **Eco-Friendly:** Cuts plastic waste, supports green practices.
- **Efficient:** Ensures convenience, cost savings, and quality.

PRODUCT(S)/ SERVICES

ECOSSION
ECO-FRIENDLY MISSION
A PRODUCT OF SRI SHRI LIFESCIENCE

EcoSSION
In-house bottling machine



Herbal H₂O



**In-House Bottling
Machine for Reusable
Glass Bottled Water**

SECTORS | SUBSECTORS

Clean Tech | Circular Economy

REVENUE

Rs. 80 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 25 Lakhs

ACHIEVEMENT(S)

- **Nation Builder Innovation Award** by DST, Government of India and United Nations Industrial Development Organization (UNIDO)
- **India Water Pitch Pilot Award** by the Ministry of Housing and Urban Affairs, Government of India
- **The SUP Challenge Award** by The Incubation Network, SecondMuse, The Circulate Initiative (Singapore), ECCA Family Foundation (Singapore), and Prevent Waste Alliance & The German Federal Ministry for Economic Cooperation and Development (BMZ, Germany)
- **UP Plasticathon 2022 Award** by the Uttar Pradesh Climate Change Authority, Directorate of Environment, Government of Uttar Pradesh.
- Order Value of INR 1 Cr in one year

PATENT (S)

2 / 2

Granted/ Filed

TRADEMARK (S)

3 / 3

Granted/ Filed

More Information, More Start-Ups...?
Scan the QR code to
explore More opportunities...!





REVY Environmental Solutions Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 88 Months

KEYWORDS

Anaerobic Digestion | Waste to Energy |
GHG's Reduction | Climate Action

SECTORS | SUBSECTORS

Clean Tech | Organic Waste / Used water management and treatment

REVENUE

Rs. 219 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 400 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 141 Lakhs

INNOVATION OVERVIEW

- Globally constructed waste/wastewater treatment facilities don't function efficiently due to non-availability of Granulated Sludge.
- Need a culture for maintenance of the health of the microbes inside the reactors.
- REVY's patented "Designer Bio-culture" can treat organic waste/wastewater converting to energy.
- REVY's APP – R-EMAPP helps track daily performance of biologicals in reactors remotely.

PRODUCT(S)/ SERVICES

REVY Biomass

REVY's Biomass supports faster operation of Aerobic/Anaerobic reactor fixing problem *in-situ* and finding solutions for ailing units in a sector agnostics manner.



REVY Biomass Growth Enhancement Formulations (BGEF)

REVY BGEF's are the nutritional formulations, which stabilize & enhance plant operations enabling reliable, and efficient organic waste / used water treatment.

R-EMAPP

- Tracks Plant health and performance
- Digital early warnings
- Two way communication



ACHIEVEMENT(S)

- One of the 25 women-led startups at Rashtrapati Bhavan who were appreciated for their journey and achievements as entrepreneurs by Hon'ble President of India, Smt. Droupadi Murmu in 2024.
- Winner of Sankalp x Artha Global Impact Awards 2023
- Winner of World Biogas Association Awards under Best Anaerobic Digestion/Biogas Support.
- Service O&M company 2023 under environmental Biotechnology company.
- Startup winner award of AMRUT-2.0 in 2022
- Winner of National StartUp Awards 2021 under environmental Biotechnology company.
- Winner of "Swachh Bharat Grand Challenge" organized by StartUp India in 2019
- BIRAC-TiE WInER Award 2019 by DST, Gov.

PATENT (S)

6 / 7

Granted/ Filed

TRADEMARK

1 / 1

Granted/ Filed



Dr. Vanita Prasad
Director & CTO



Mr. Rajneesh Prasad
Director & CEO



Mr. Bhavik Kathrani
Director & CFO

Stay connected with STBI



Age : 16 Months

KEYWORDS

Battery Recycling | Solvent extractants & Ion exchange resins

SECTORS | SUBSECTORS

Specialty (Bio) chemicals |
Metal Refining/ Recycling/ Waste Management

INNOVATION OVERVIEW

- Need import substitution of specialty chemicals
- R&D led manufacturing solutions.
- Solvent extractants/ ion exchange resins
- Agrochemicals intermediates

REVENUE

Rs. 60 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 400 Lakhs

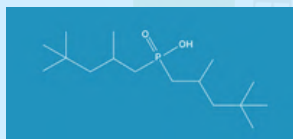
SIGNIFICANT INVESTORS

Mr. Ramakant Sharma
Lohum Cleantech Pvt. Ltd.

ACHIEVEMENT(S)

- Successful new product development and commercialization of MetScav 90 - 2 patents filed
- Development of MetScav D2EHPA at lab scale

PRODUCT(S)/ SERVICES



MetScav 90

Metal extractant for greener tomorrow

MetScav™ 90 created through proprietary manufacturing process, is a specialized solvent extractant for recovery of cobalt from Li-ion batteries and also Zn, Fe, etc. metals.

PATENT (S)

0 / 2

Granted/ Filed

INDUSTRIAL DESIGN (S)

0 / 2

Granted/ Filed



Dr. Rajesh Kumar Goyal
Director & CEO



Ms. Poonam Gupta
Director



Mr. Sachin Maheswari
Director



More Information, More Start-Ups...?

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explore More opportunities...!



Age : 45 Months

KEYWORDS

Microbial Culture |
Biological Wastewater Treatment

SECTORS | SUBSECTORS

Clean Tech | Waste management

REVENUE

Rs. 300 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 100 Lakhs

INNOVATION OVERVIEW

- More than 80% of sewage generated by urban India is discharged untreated into water bodies.
- High COD/ BOD and ammonical nitrogen problem are prevalent and difficult to treat
- Inefficient treatment of existing plant to treat the wastewater at 100% capacity.
- Customization of the bacterial cultures and special tailoring as per the specific chemical composition of the particular industrial effluent nature.
- Results in a shorter duration of time by eliminating the lag phase of the product
- Special tailored made solution for each industry and sector

SEED/ GOVT. FUNDING RECEIVED

Rs. 33 Lakhs

ACHIEVEMENT(S)

- Treating Biologically everyday 15,000,000 LTRs
- Startup winner in cleantech at Gandhinagar in 2022

PRODUCT(S)/ SERVICES

Microbzz 365

- **Bio-Treatment:** Enzyme-rich *Bacillus* & *Pseudomonas* blend.
- **Use:** Treats sewage, manure ponds, and lagoons.

Bactofloc-Coagulant in waste water treatment

- Neutralization with Coagulation (No additional use of Alum/ PAC)
- Mostly, it does not alter the property of the biomass or the particles it co-agulated.

Microbzz 365 NH₄-N - Waste Water Treatment Bacterial Consortium for Ammonical Nitrogen reduction

Has a blend of Nitrification and Denitrification bacteria to tackle ammonical nitrogen in wastewater biological treatment.



Mr. Yagnesh Thakkar
Director



Mr. Dileep Kapadia
Director



Age : 46 Months

KEYWORDS

Poultry, Aqua, Animals, ETP, Agriculture |
Detergent, Textiles

SECTORS | SUBSECTORS

Probiotics & Enzymes | Animal feed, Industrial enzyme

INNOVATION OVERVIEW

- Reduced Chemical use
- Eco-friendly products

REVENUE

Rs. 40 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 100 Lakhs

PRODUCT(S)/ SERVICES

BIOCATALYST SB AMYL 800

To remove starch from fabric
(Textile application)

BIOCATALYST DET G6

Blend of enzymes for
multiple stain removal, like
oil, blood, food, dirt, etc.

PROZYME GROWTH

Which is blends of Probiotics
and Enzymes for better
growth and immunity
booster

OdorSol

To degrade ammonia, H₂S
and other gases and
improve Water quality in
aqua culture



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Kalva Nanotech



Savli Technology
& Business Incubator
Government of Gujarat

Age : 57 Months

KEYWORDS

Nanotechnology | Fermentation

SECTORS | SUBSECTORS

Nano Coating & Biotechnology | Protective Coatings



Mr. Kunal Dholiya
Founder

INNOVATION OVERVIEW

- The weathering of a building's exterior leads to an unsightly and unhygienic appearance. The solution is to generate an antimicrobial surface using a photoactive nanocoating, Protect 360.
- Post-harvest spoilage, rapid ripening, and microbial infections in vegetables are among the biggest challenges. We are working to mitigate this issue using a natural, bio-based protective layer. BioPeel that slows ripening and shields vegetables from microbial attacks.

PRIVATE FUNDING RECEIVED

Rs. 10 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 3 Lakhs

PATENT (S)

0 / 4

Granted/ Filed

TRADEMARK (S)

9 / 9

Granted/ Filed

PRODUCT(S)/ SERVICES



Protect 360

This is a special, highly effective functional mineral coating for surface protection that works on the basis of a purely physical phenomenon. It is activated by daylight and has highly effective protective and self-cleaning properties. It effectively and long term protects surfaces against microorganisms (mold, algae) and UV degradation.

BioPeel

BioPeel is a biopolymer-based protective edible coating designed for vegetables and fruits. It helps slow down ripening, reduce post-harvest spoilage, and protect against microbial infections, extending the freshness and shelf life of produce naturally.



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SBB Energy Solutions LLP



Savli Technology
& Business Incubator
Government of Gujarat

Age : 6 Months

KEYWORDS

Electrical & Electronics Hardware |
Portable Power station

SECTORS | SUBSECTORS

Clean tech & Renewable Energy | Deep technology

REVENUE

Rs. 27.45 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 200 Lakhs

ACHIEVEMENT(S)

Collaboration: Partnership
with drone OEMs
established.

PATENT (S)

0 / 1

Granted/ Filed

INNOVATION OVERVIEW

- **Remote Locations:** Areas without access to the grid, for Defense applications or off-grid Ops- Power Back up
- **Emergency Situations:** Power outages, natural disasters, power solutions
- **Medical emergency equipment's:** For Mobile ICU, and Monitoring devices, to power up
- **Rechargeable Battery:** LiFePO4 cells with a 7-10 year cycle life (Clean Energy)
- **Output ports:** AC, USB, and DC for various devices
- **Renewable Charging:** Works with solar panels and wind turbines (Green Energy)
- **Portability:** Lightweight (<3 kg) with wheels for easy transport.

PRODUCT(S)/ SERVICES



Thor 1

- Specifically designed for Drone battery fast charging solution
- Fast recharging through renewable source, Solar, Wind, , Also with Vehicle & Grid



Thor 2

- All purpose & versatile usage
- AI based Energy distribution system
- Built in Charging dock with renewable energy, vehicle and grid
- IOT connectivity, built in GPS & Tracking system.
- Safety per IS & IEC standards, MIL grade
- Thermal runaway protected

More Information, More Start-Ups...?

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Age : 29 Months

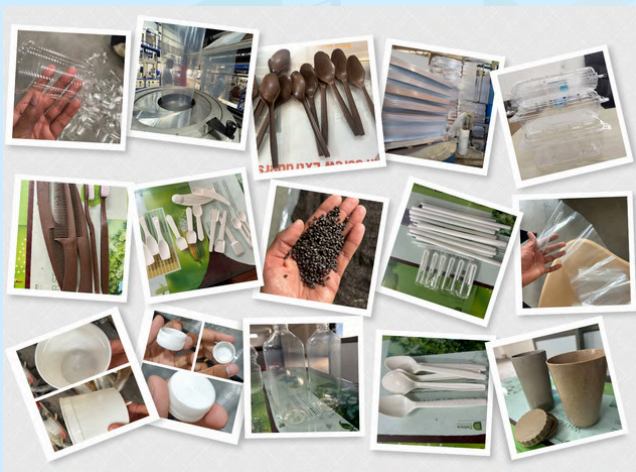
KEYWORDS

Biodegradable/Compostable plastics |
Biopolymers/Bioplastics

INNOVATION OVERVIEW

- Single-use plastics are responsible for marine, air and land pollution, in addition microplastics in human.
- After SUP ban, plastic product manufacturers are in fear of losing their business and investment.
- 100% compostable/biodegradable materials have been developed to replace single-use plastic, in addition, no persistent microplastics.
- The material can be used in existing plastic processing machines without any major modifications.

PRODUCT(S)/ SERVICES



SECTORS | SUBSECTORS

Engineering/ Manufacturing | Secondary Agri-Product(s)

REVENUE

Rs. 700 Lakhs

TRADEMARK

2 / 2

Granted/ Filed

PRIVATE FUNDING RECEIVED

Rs. 450 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 9.6 Lakhs

ACHIEVEMENT(S)

- First one in India to develop largest portfolio in compostable products
- 100% in-house developed patentable formulations

DELexT-ST

Straight and U-bend straws

DELInj-ST

Cutlery, Toys, Containers, etc.

DELfil-TR

Food Packaging Films

DELfil-SW

Industrial Packaging Stretch Films





Alchemy Recyclers Pvt. Ltd.



Savli Technology
& Business Incubator
Government of Gujarat

Age : 46 Months

KEYWORDS

Door to Door Electronic Waste Collection | e-waste

SECTORS | SUBSECTORS

Clean Tech | Waste management

INNOVATION OVERVIEW

- **Wealth out of Waste (WOW Project):** Door-to-door e-waste collection, compliant recycling, and mainstreaming the informal economy for higher tax contributions.
- **Fair Trade:** Eliminates middlemen, ensuring better rates for waste collectors and higher resource recovery through scientific recycling.
- **UPI of e-Waste** (UPI: Unified Purchase Interphase)
- Documentation and Waste Data collection for Taxation and Recycling using information technology enabled Platform.
- Low value transaction times millions of it only possible using IT Enabled Technology Platform.

PRIVATE FUNDING RECEIVED

Rs. 134 Lakhs

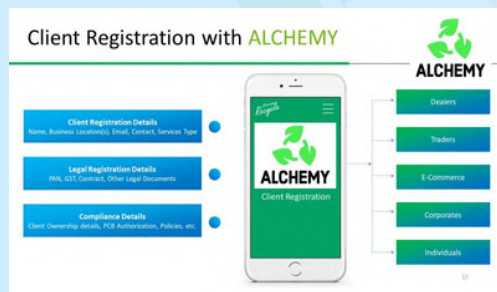
SEED/ GOVT. FUNDING RECEIVED

Rs. 40 Lakhs

ACHIEVEMENT(S)

- Software Development and Frame Work of Franchise Partner Identification.
- Mapped Gujarat and set up 22 collection partners in 20 towns, ensuring maximum reach within 150 KM.

PRODUCT(S)/ SERVICES



UPI of E Waste

- Android Application and supporting information technology enabled Platform
- Development of e-Waste segregate, sourcing and Reverse supply chain solutions

More Information, More Start-Ups...?
Scan the QR code to
explore More opportunities...!





Dr. Rajesh Kumar Goyal
Founder

SECTORS | SUBSECTORS

Recycling | Specialty Chemicals

KEYWORDS

Industrial/Lab Bio-Product | Agro/ Waste management/ Pharma

INNOVATION OVERVIEW

- Import substitution
- Waste to wealth
- Solvent extractants
- Agrochemical intermediates

PRODUCT(S)/ SERVICES

Bis (2,4, 4-trimethyl pentyl) phosphinic acid

Specialized solvent extractant for cobalt-nickel separation

3-Aminopyridine

Agrochemical intermediate

ACHIEVEMENT(S)

One product developed- commercialized by partner company



Mr. Chandan Sarkar
Founder

SECTORS | SUBSECTORS

Bacterial Cultures | Anaerobic & Aerobic Enzymes for Bio Degradation

KEYWORDS

Environment | Waste Management

INNOVATION OVERVIEW

- Chemical Oxygen Demand (COD) Reduction
- Biological Oxygen Demand (BOD) Reduction
- Ammonical Nitrogen (NH₃-N) Reduction

PRODUCT(S)/ SERVICES

Development of specialized microbial cultures for waste water treatment and bioaugmentation application

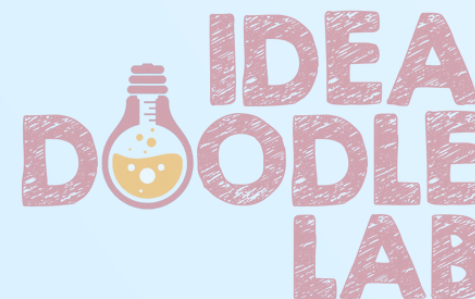
Anaerobic Biocultures for Biogas Digestion



Raybon Aqua Biotech



Idea Doodle Lab



***A lot of ideas land up in a graveyard...!
Most often, untested... unverified...!!
Most of the innovators lament...!!***

To address this challenge, the Govt. of Gujarat has enshrined in its GR, an Idea Doodle Lab that allows limited access to laboratories, scientific facilities, instrumentation, mentoring, etc. various services 'free of cost' to innovators, wanting to test technical feasibility of their idea.

A few ideators have been able to negate ideas with lesser feasibility or viability, etc. helping to fail fast and increasing the chances of success...!



Dr. Maharshi Pandya



Mr. Yagnesh Thakkar



Dr. Rajesh Kumar Goyal

Effluent Treatment Plant of 3 KLD capacity dedicatedly for the Incubator



CTE for 12 KLD availed



Engineering

Prototyping Facility

Prototyping Facility including

- Fabrication Lab
- Design Studio
- Mechanical Workshop



FABRICATION LAB



DESIGN STUDIO



MECHANICAL WORKSHOP

Age : 37 Months



KEYWORDS

Modular Truck | Electric Utility Bike | Bicycle



SECTORS | SUBSECTORS

Engineering/Manufacturing | Electric Vehicles



Mr. Darpan Kadu
Founder & CEO



Mr. Sheel Patel
Co-Founder



Mr. Dhruv Patel
Co-Founder

INNOVATION OVERVIEW

- **High Diesel Costs:** Reduces dependency on expensive diesel fuel.
- **Environmental Pollution:** Significantly reduces carbon emissions and air pollution.
- **Operational Inefficiencies:** Incorporates smart fleet management systems to optimize route planning and enhance logistics efficiency.
- **Limited Range of Electric Trucks:** Offers a practical range of 200 km per charge & upgradable upto 1200 kms.
- **Electric Powertrain:** A 215 kW motor paired with a 250 kWh battery for efficient and zero-emission performance.
- **Modular Design:** Auxiliary modules like refrigeration or sweeping systems for versatile applications.
- **Smart Fleet Management:** Proprietary communication protocols for efficient and data-driven logistics operations.

PRODUCT(S)/ SERVICES



AshvaMitra
(Modular Electric Truck)

- A modular electric truck with a 215 kW motor, 250 kWh battery, and 200 km range.
- Its advanced modules support versatile uses like refrigeration and sweeping, offering a zero-emission, cost-effective diesel alternative.



EV Bikes for Product Delivery

- Powerful motor, durable battery, and high payload.
- Compact, agile, and low-maintenance for city travel.
- Zero emissions with fleet tracking integration.



Ambler

Ambler is a high-performance electric moped built for efficient, durable delivery in food, pharma, courier, and e-commerce logistics.

REVENUE

Rs. 15 Lakhs

CURRENT POST-MONEY VALUATION

Rs. 1500 Lakhs

SEED/ GOVT. FUNDING RECEIVED

Rs. 50.6 Lakhs

PRIVATE FUNDING RECEIVED

Rs. 30 Lakhs



ACHIEVEMENT(S)

- Transferred a Technology to Meta EV.
- Shortlisted in EV cohorts by multiple agencies.



PATENT (S)

8 / 9

Granted/ Filed

INDUSTRIAL DESIGN (S)

8 / 9

Granted/ Filed

TRADEMARK

0 / 1

Granted/ Filed

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...



Age : 59 Months



KEYWORDS

Consumer Durable Electronics |
BLDC Motor Control



SECTORS | SUBSECTORS

Engineering/ Manufacturing | BLDC Products



REVENUE

Rs. 7450 Lakhs



INNOVATION OVERVIEW

- Brushless DC motor technology localisation
- Design and Development of value chain related to BLDC motor control in India (PCB Card + Magnet Manufacturing in India)
- Energy-Efficient BLDC Fans – Consume 28W vs. 75W in induction fans, saving 50-60% energy
- Local Innovation & Expansion – Developed domestically, expanding BLDC tech to air coolers, ACs, industrial fans, and more



ACHIEVEMENT(S)

- ELCINA Award (FY 21-22) – Best Startup in Electronics category.
- IFMA Recognition – For promoting energy efficiency in the fan industry.
- Goa LUB MSME Award – For innovation in the startup ecosystem.
- Gujarat MoU (Jan 2024) – For establishing BLDC infrastructure.



PRODUCT(S)/ SERVICES



BLDC Controller and Motors

LV Controller_BLDC – LITAIR



PATENT (S)

0 / 1

Granted/ Filed

INDUSTRIAL DESIGN (S)

9 / 14

Granted/ Filed

TRADEMARK

3 / 3

Granted/ Filed



Mr. Sachinkumar Shah
Designated Partner



Mr. Rohan Nadkarni
Designated Partner



Age : 42 Months



KEYWORDS

PCB Component dismantling |
Electronics refurbishment and segregation



SECTORS | SUBSECTORS

Engineering/ Manufacturing | Waste management



INNOVATION OVERVIEW

- Reuse the retrieved component for the development of refurbished products.
- Smart segregation of the e-waste materials.
- A customized image acquisition algorithm to identify the components on the PCB.
- A proprietary component removal tool for target component extraction from the PCB.
- Indigenous e-waste management equipment for segregation of e-waste



SEED/ GOVT. FUNDING RECEIVED

Rs. 9.9 Lakhs



Dr. Himanshu Shekhar
Director



Dr. G. Muthukumaran
Director



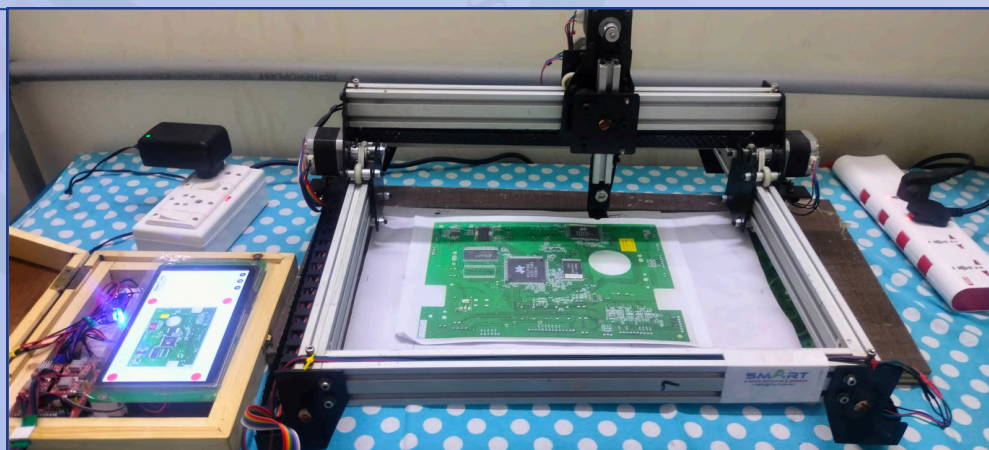
PRODUCT(S)/ SERVICES

SPCDD - e-Waste Recycling

Smart PCB Component Dismantling
Device for e-waste recycling

Smart Sort

Real-Time E waste Electronic
Component Detection,
Classification and Sorting system



More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities...!



Others





KEYWORDS

AI & ML | Research Resource Matching



SECTORS | SUBSECTORS

Research & Development | AI & ML



Dr. Janki Shah
CEO



Mr. Akash Patel
CTO



INNOVATION OVERVIEW

- Researchers struggle to find relevant global positions and resources.
- Current platforms lack context-aware search capabilities.
- AI-powered vector-based search for precise results.
- Context-based matching of jobs and resources.



REVENUE

Rs. 2 Lakhs

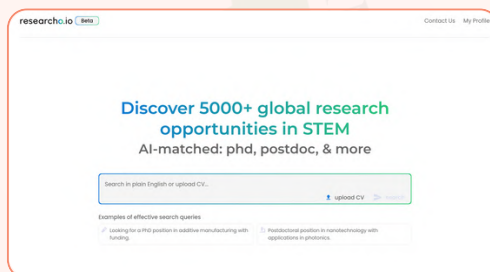


SEED/ GOVT. FUNDING RECEIVED

Rs. 16 Lakhs



PRODUCT(S)/ SERVICES



Researcho.ai (formerly Codots.io)

AI-powered search engine for research positions, resources, tools, events & collaborators



ACHIEVEMENT(S)

- Recognized by IIC Regional Meet 2023 for innovation and impact.
- Selected for HerStart and StrongHer Arise Accelerator to scale solutions.
- Currently part of the ongoing Wadhwani Accelerator Program for growth.



Age : 26 Months



KEYWORDS

Organic | Natural



SECTORS | SUBSECTORS

Beauty and Cosmetics | Organic Colour Cosmetics



REVENUE

Rs. 9.5 Lakhs



TRADEMARK

1/1

Granted/ Filed



SEED/ GOVT. FUNDING RECEIVED

Rs. 16 Lakhs



ACHIEVEMENT(S)

- News 18 featured Pianta Blossoms LLP
- The Times of India highlighted startup's success, grants, and innovation in organic cosmetics



INNOVATION OVERVIEW

- Organic cosmetics lack options for girls aged 7 to 15, toddlers and adults.
- Extraction of essential oils from seeds of Moringas.
- Edible lipsticks with beetroot and orange peel for color and nourishment.
- Natural kajal (ajwain, ghee) and nail polish (tapioca syrup).



PRODUCT(S)/ SERVICES



**Natural and Plant Based
Matt Lipstick**

24 vibrant lipstick shades enriched with plant-based butters, oils, and colors for nourished beauty



Natural Vegan Lip Balm

Long-lasting 14-hour hydration and nourishment for lips, safe for kids also!



Organic Kajal

Infused with Natural Camphor, Moringa Oil, and traditionally collected natural soot



Jaini Shah
Co-Founder & CEO



Mrs. Roshni Shah
Product Formulator



NIDHI PRAYAS



*PRomoting and Accelerating Young and
ASpiring Innovators and Startups (PRAYAS)*

Funding Agency



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

**Knowledge &
Implementation Partner**



NIDHI-PRAYAS is a flagship scheme of Dept. of Science & Technology, Govt. of India supporting innovators to undertake prototyping, under mentorship of any one of the PRAYAS Centres (PC) recognized by them. STBI is one of the PCs, currently running the second cycle of NIDHI-PRAYAS Scheme.



Objective: Support to convert a science and technology-based idea into a prototype of a physical product

Sector focus: Broad Spectrum of Science and Technology areas, excluding Pure Software development, e-Commerce, Service solutions, App based solutions, etc.

Benefits: Grant up to INR 10 lakhs + Access to lab infrastructure, working space, mentorship as per the guidelines of NIDHI-PRAYAS Scheme

Duration: 18 months

Eligibility:

- An individual innovator with or without a Start-up, >18 years of age
- The startup should be incorporated in India with a minimum 51% of its equity held by Indian citizens. The startup should not be more than 7 years of existence
- The startup wants to develop the prototype for a new product, for which they have not received support from any other funding agency
- The startup should not have annual turnover exceeding Rs. 25 lakhs for any of the financial years since its inception
- IP generated would vest with the start up

**Salient Features of
NIDHI-Prayas @STBI**

4

**Prototypes
Completed**

10

**Prototypes under
completion from
Cycle-1**

10

**Prototypes under
preparation from
Cycle-2**





Dr. Priyanka Maske
Director and Co-Founder

SECTORS | SUBSECTORS

Bio-Product | Clinical Diagnosis

KEYWORDS

Diagnostics | Sperm count LFA

INNOVATION OVERVIEW

- Sperm counting is the preliminary test conducted in fertility clinics, which requires expertise and its it costly
- The lab-to-lab results may vary
- A social stigma attached to infertility which leaves many men undiagnosed, hence a safer approach is required
- Sperm count LFA using gold antibody conjugate
- Detection of oligospermic to azoospermic sperm count



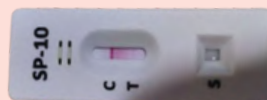
ACHIEVEMENT(S)

- IP Filled
- Selection for product display at GB

PRIVATE FUNDING RECEIVED

Rs. 45 Lakhs

PRODUCT(S)/ SERVICES



ReproSeed

Sperm Count and Viability detection kit and device (Direct Lateral Flow Assay)

PATENT (S)	INDUSTRIAL DESIGN (S)	TRADEMARK
0/1	0/1	0/1
Granted/ Filed	Granted/ Filed	Granted/ Filed



Dr. Jignishaben Patel
Lead Innovator

SECTORS | SUBSECTORS

Industrial/Lab Bio-Product | Laboratory Supply

KEYWORDS

Sickle Cell Anemia | Molecular Diagnostic

INNOVATION OVERVIEW

- Hemoglobin-based tests for sickle cell anemia lack sensitivity and specificity.
- Molecular diagnostic tests are ideal, targeting the single-point mutation in the beta-globin gene.
- Molecular based diagnostic test targeting Single Point Mutation that cause sickle cell anaemia is developed

PRODUCT(S)/ SERVICES



SCD-PCR-LFT

Development of SCD-PCR Lateral Flow Test for the Accurate Identification of Sickle Cell Mutant Gene





Dr. Goutam Kulsi
Founder CEO &
Chief Scientist



SECTORS | SUBSECTORS

Biotechnology/ Manufacturing | Waste management | Sustainability



KEYWORDS

Clean Tech | Plant Based Cellulose



INNOVATION OVERVIEW

- A sustainable way to cellulose extraction from plant source.
- Biobased oil spill kit with higher efficacy compare to conventional one.
- Super-hydrophobic, oleophilic in nature, high surface area with specific porosity.
- High absorption capacity with reusability upto seven cycles



ACHIEVEMENT(S)

- Finalization of the chemical composition of the oil spill kit has been done.
- Prototype for oil spill kit for domestic and marine sectors have been established.



PRODUCT(S)/ SERVICES



Delignified Plant Material as Oil

Absorbant (Excess oil removal kit from food)



Surface and chimney oil cleaner

(To remove oily substances from kitchen and chimney)



Marine oil spill kit

(Oil spill kit to remove oil spillage in marine)



PATENT

0 / 1

Granted/ Filed



Mr. Nimesh Pithava
Lead Innovator



SECTORS | SUBSECTORS

Engineering/ Manufacturing | Automatic Chapati Maker



KEYWORDS

Ease of Work | Time efficient



INNOVATION OVERVIEW

- **Time-Consuming:** Manual chapati-making is labor-intensive and slow for busy households.
- **Inconsistent Quality:** Variations in size, thickness, and cooking affect taste and texture.
- **Lack of Home Automation:** No compact, user-friendly chapati-making machine for domestic use.
- **Automated Process:** Kneading, rolling, and cooking integrated into a single machine for efficiency.
- **Consistent Quality:** Ensures uniform size, thickness, and perfect cooking for every chapati.
- **Compact & User-Friendly:** Designed for home use with easy operation and minimal maintenance



PRODUCT(S)/ SERVICES



Domestic Chapati Making Machine



PATENT (S)

0 / 1

Granted/ Filed

TRADEMARK

1 / 1

Granted/ Filed





Mr. Mayuresh Kulkarni
Lead Innovator

SECTORS | SUBSECTORS

Engineering/ Manufacturing | Logistics

KEYWORDS

Stair-climbing Trolley | Warehouse Mobility

INNOVATION OVERVIEW

- Heavy load transportation on staircases efficiently.
- Reducing manual effort and fatigue.
- Ensuring stability and safety during lifting.
- Motorized stair-climbing trolley with efficient power usage.
- Battery-powered system for sustained operation.
- Lightweight and durable structural design with shape-changing wheel for all surface use.



Prof. Girish Modak
Technical Head



CA Prasanna Shukla
Finance and Marketing head

PRODUCT(S)/ SERVICES



Cradle trolley: Staircase climbing trolley

- The envisioned product is a motorized stair-climbing trolley designed to transport heavy loads efficiently and safely across staircases.
- It features a battery-powered system, ensuring ease of use, reduced manual effort, and enhanced stability.



- The CRADLE logo symbolizes empowerment and support, depicting a figure assisting movement up a staircase.
- The design represents the brand's mission to uplift and empower individuals by providing innovative mobility solutions that enhance ease, independence, and accessibility for those in need.



Dr. Aparna Rai
Chief Executive Officer

SECTORS | SUBSECTORS

Health Care | Pharmaceuticals

KEYWORDS

Anti Microbial Resistance (AMR) | Multi Drug Resistance (MDR)

INNOVATION OVERVIEW

- Growing challenge of Anti Microbial Resistance and Multi-Drug Resistance in various infectious and non-infectious diseases.
- Immense use of chemical in surface cleaning agents (Disinfectant Industry).
- Development of innovative, tailored bioactive molecules and formulations having versatile foundation.
- Developing advanced biomolecule based hygiene products for personal and commercial spaces



ACHIEVEMENT(S)

- Runner-Up - BIRAC-Change Makers of North East 2020 - Startup Category.
- Winner - C-CAMP Bangalore - National Anti-Microbial Resistance Quest 2021.
- Awarded of DBT-BIRAC- BIG Grant (2021)
- Awarded NIDHI-PRAYAS (2024)
- Awarded DBT-BIRAC-NBM Grant (2025)

PRODUCT(S)/ SERVICES



Clazzles
Biomolecules based Cleaning solutions for home and commercial spaces

Products Under Development

- Novel Antibiotics
- Biomolecules based Preservatives
- Development of Effervescent De-infection Tablets



PATENT (S)

0 / 2

Granted/ Filed

TRADEMARK

2 / 5

Granted/ Filed

More Information, More Start-Ups...?

Scan the QR code to explore More opportunities..!





Mr. Aniruddha Kambekar
Lead Innovator

SECTORS | SUBSECTORS

Industrial/Lab Bio-Product | Lab Automations

KEYWORDS

Automated OD600 Spectrophotometer |
Microbial Growth Monitoring

INNOVATION OVERVIEW

- Automating the manual optical density calculations for bacterial cell culture experiments
- Time-saving for researchers and improving experimental accuracy
- Automated OD 600 Spectrophotometer
- Online bacterial cell density measuring device



Dr. Karthik Pushpavanam
Mentor

ACHIEVEMENT(S)



- Got shortlisted for
- TiE Bangalore (PG Track)
 - IIT Madras InvenTiv-2025 R&D Innovation Fair
 - Boeing University Innovation Leadership Development (BUILD) bootcamp and regional pitch competition.

PRODUCT(S)/ SERVICES



Bio-MATE
(For Biotechnology and Biomaterials Laboratory Automation)



Mr. Taha Nafees
Lead Innovator

SECTORS | SUBSECTORS

Engineering/ Manufacturing | Modular Wheel-Chair

KEYWORDS

Powered Wheel-Chairs

INNOVATION OVERVIEW

- Limited mobility for wheelchair users over long distances.
- Manual wheelchairs are difficult to use on uneven terrain.
- Lack of affordable, efficient mobility solutions in India.
- Clip Ease converts manual wheelchairs into powered three-wheel vehicles.
- Easily attachable, travels 25 km at 25 km/h speed.
- Affordable, efficient, and adaptable to multiple wheelchair models.



Mr. Ayan Baig
Team Member



Mr. Maqool Saifi
Team Member

PRODUCT(S)/ SERVICES

Clip Ease

- Converts wheelchairs to powered three-wheelers in 10-15 seconds.
- Offers 25 km/h speed, 25 km range, and works on Indian terrains.
- Affordable, low-maintenance, and boosts user independence.



PRIVATE FUNDING RECEIVED

Rs. 5 Lakhs





Mr. Vaibhav Shitole
Founder and MD

SECTORS | SUBSECTORS

Health Care | Med Tech

KEYWORDS

Medical Devices and Diagnostics | Non-invasive diagnostic

INNOVATION OVERVIEW

- Bringing healthcare innovation to all
- Improving access to diagnostic services in remote areas
- M-Strip: A pioneering non-invasive cervical cancer screening for women, prioritizing privacy and comfort



Dr. Prasoon Kumar
Co-founder



Mr. Pradeep Verma
Co-founder

ACHIEVEMENT(S)

- SITARE GYTI Award - Recognized Emerging Startup in Biotech by Shri Ashwini Vaishanw, Union Minister of Railways, IT, GoI
- Winer in Tech Category- TieCon Vadodara

PRODUCT(S)/ SERVICES

M-Strip

M-Strip™ is a non-invasive device for collecting, storing, and transporting menstrual fluid.

It aids in cervical cancer screening and STI diagnostics.

PATENT (S)	INDUSTRIAL DESIGN (S)	TRADEMARK(S)
1/3	1/2	2/4
Granted/ Filed	Granted/ Filed	Granted/ Filed



Dr. Dikshan Shah
Lead Innovator

SECTORS | SUBSECTORS

Med-Tech | Sensor Technology | Health Care

KEYWORDS

QR Code | Text to Speech | Smart Glasses

INNOVATION OVERVIEW

- Smart Eye Glasses to extract Text-to-Speech from a printed QR code for Visually impaired
- Arduino, Sensor, and Text -to-Speech

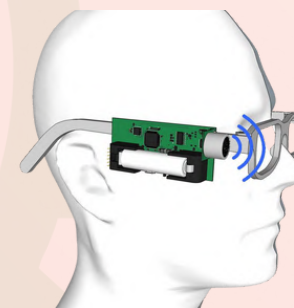


Dr. Nirali C. Dave
Team Member



Dr. Hemangini S. Patel
Team Member

PRODUCT(S)/ SERVICES



Development of (Pair of) Eyeglasses equipped with QR Scanner for visually impaired person

- We extract information from QR code and turn into a text message.
- After generating text messages, it is converted into speech.





Mr. Prateek Patel
Lead Innovator

SECTORS | SUBSECTORS

Engineering/ Manufacturing | Zero Waste Lifestyle

KEYWORDS

Sustainable Water Dispensing

INNOVATION OVERVIEW

- Use of single-use plastic bottled water in hotels
- Water Cartridge based water dispensing system for hotel rooms

PRODUCT(S)/ SERVICES



**IoT Operated Water Filling Cartridge
for drinking water in hotel rooms**



Mr. Dipen Patel
Lead Innovator

SECTORS | SUBSECTORS

Agriculture | Apiculture (Beekeeping)

KEYWORDS

Beehive | Automatic Beehive | Flow hive

INNOVATION OVERVIEW

- **Effortless Honey Extraction:** The Automatic Flow Hive simplifies honey harvesting by allowing beekeepers to extract honey without opening the hive or disturbing the bees.
- **Bee-Friendly Design:** Reduces stress on bees by eliminating the need for them to rebuild honeycombs and prevents injury or adulteration during extraction.
- **User-Friendly & Durable:** Made from food-grade plastic, Flow Hive frames are easy to clean and can be operated even by children.

PRODUCT(S)/ SERVICES

Automatic Flowhive

- The Flow Hive simplifies honey collection by allowing direct extraction into jars, eliminating the need for manual uncapping and centrifugal extraction.
- Beekeepers can harvest honey effortlessly by turning a lever, which releases it from the flow frames into a collection trough. This in-hive extraction method saves time, reduces labor, and minimizes stress on bees.
- Designed for both traditional and modern setups, the Flow Hive offers a versatile and beekeeper-friendly solution.





Mr. Sanjay Sonwani
Lead Innovator



Ms. Tina Sonwani
Team Member

SECTORS | SUBSECTORS

Med-Tech | Med Device

KEYWORDS

Medical Device and Tools | IoT

INNOVATION OVERVIEW

- IoT based automated medication management system
- Tracking of medication adherence
- Convenience of remote caretaking

PRODUCT(S)/ SERVICES

Properdose Pill Dispenser

- IoT based automated pill dispenser for chronic patients.
- This would help them in reminding, dispensing and notifying about their medication adherence.



Dr. Anup Kakwani
Founder

SECTORS | SUBSECTORS

Med-Tech | Med Device

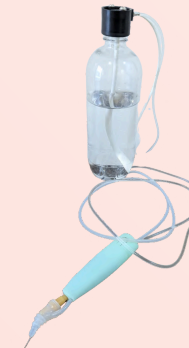
KEYWORDS

ANPI Device | Root Canal Irrigation Device

INNOVATION OVERVIEW

- Eliminates chances of potential complication of Root Canal Treatment called Hypochlorite accident, a life-threatening medical emergency.
- Makes procedure comfortable for patient & convenient for dentist to carry out through its single hand operability.
- Device functionality is based upon pneumatic mechanism by using air compressor & Hi-Vacuum suction that are already present in dental clinics.
- Major innovative element of this device is its angulated, hybrid, co-axial & bidirectional needle.

PRODUCT(S)/ SERVICES



iVac-Endo

India's first & only ANPI device

Prevents complication in root canal treatment. Makes root canals last 3X longer than conventional with 80% reduction in pain & discomfort.





Cdr. Uday Mathew (Retd.)



Cdr. Uday Mathew
(Retd.)
CEO

SECTORS | SUBSECTORS

Defence and Security Sector | Robotics and Drones

KEYWORDS

Robotics | Drones

INNOVATION OVERVIEW

- Reduce dependency on piloting skill for flying drones
- Make autonomous drones flying accessible to all
- Hand held target acquisition being developed along with an integral high speed drone and ground control station
- The target acquisition system will be able to determine coordinates of a target in the ranges of 05 km (line of sight) and make a flight plan for the drone



Cdr. Atul Dharan
(Retd.)
Team Member

PRODUCT(S)/ SERVICES



Hellfire System

High Speed Drone, the Handheld Target Acquisition System (HTAS) and the Ground Control Station (GCS)

It is a first of its kind advanced, autonomous drone system that integrates cutting-edge target acquisition device with an intuitive Ground Control Station, or GCS.

NIDHI Prayasee



Mr. Jehangir Ahmad Dar
Lead Innovator

SECTORS | SUBSECTORS

Environmental Technology | Waste Management

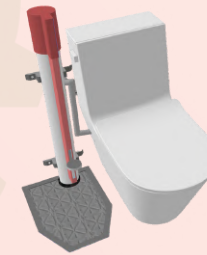
KEYWORDS

Grey water | Recycling

INNOVATION OVERVIEW

- ReWaBa recycles greywater, reducing flushing water by 70 - 85 %.
- It Collects, filters, stores, and reuses greywater with a foot-operated pump.
- It is low-cost, easy-to-use design for widespread resource conservation.

PRODUCT(S)/ SERVICES



ReWaBa

ReWaBa is an innovative indoor wastewater management system that recycles and utilizes greywater for flushing toilets and urinals.





Ms. Sweta Prajapati
CEO

SECTORS | SUBSECTORS

Health and Wellness | Cognitive Skills and Mental Health

KEYWORDS

Brain-Computer Interface (BCI) | AI-driven Neurofeedback

INNOVATION OVERVIEW

- Make in India, Brain-Computer Interface (BCI) brain band for real-time neurofeedback
- AI-driven brainwave analysis for cognitive and mental health training
- IIT Gandhinagar validated concept for stress and focus improvement



ACHIEVEMENT(S)

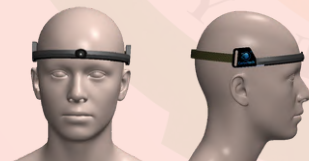
- Winner of IIT Bombay Eureka21 for innovation in BCI technology
- Selected by Shark Tank India for neurofeedback-based mental health solutions
- Concept validated by IIT Gandhinagar for cognitive skill enhancement

PRODUCT(S)/ SERVICES



BrainHat Series

A mobile AI-driven neurofeedback platform providing personalized brain training, guided meditations, brain games, and cognitive exercises for enhanced mental well-being and productivity.



ZENC

A Made-in-India BCI brain band, validated by IIT Gandhinagar and now in prototype development, uses AI-driven neurofeedback to enhance focus, memory, and stress management.



TRADEMARK

2 / 3

Granted/ Filed



Mr. Arup Bhowmick
Director/CEO

SECTORS | SUBSECTORS

Deep Tech Quantum sensing | Quantum Sensor

KEYWORDS

Quantum Magnetometer | Rydberg Quantum Radar

INNOVATION OVERVIEW

- Table top magnetometer for exploration and disaster management
- Drone mounted magnetometer for defense
- Table top Rydberg Quantum Radar for interference free telecommunication and satellite communication

PRODUCT(S)/ SERVICES



Atomic DC-RF Magnetometer (quantum technology)

It is based on laser-atom interaction and has diverse use cases in navigation, biomedical, exploration and defense.



Rydberg Quantum Radar (quantum technology)

It is based on Rydberg quantum optics using atom-light interaction and has significant application in telecommunication, interference sensitive satellite communication and defense.



TRADEMARK

1 / 1

Granted/ Filed





Mr. Om Khare
Lead Innovator

SECTORS | SUBSECTORS

Environmental Technology | Environmental Sensing |
Lab-on-a-chip technology

KEYWORDS

Multiple Water Toxin Detection |
Simultaneously in a single shot

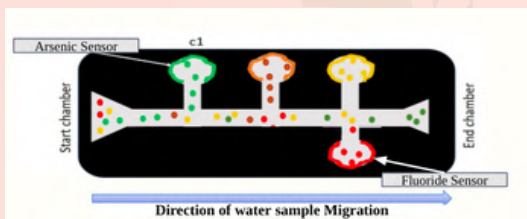
INNOVATION OVERVIEW

The diagnostic sensors for arsenic and fluoride have significant limitations like

- **Single-Toxin Focus:** Most sensors detect only one toxin, necessitating individual testing for each contaminant
- **Expensive:** Existing Field Testing Kits (FTKs) or laboratory based tools are very costly.

The 'Water Toxin Chip'- a microfluidics-based diagnostic platform that utilizes Microbubble Lithography (MBL) to immobilize specific sensing probes for arsenic and fluoride ions. This novel chip enables simultaneous detection of these contaminants at once in a single shot.

PRODUCT(S)/ SERVICES



The Water Toxin Chip

A microfluidic chip for detecting Arsenic and Fluoride ions simultaneously in a water sample in a single shot.



Ms. Ankita Choudhary
Innovator



Mr. Anand Dev Ranjan
Innovator



Mr. Chandan Kumar
Innovator



Ms. Kavita Manekar
Lead Innovator

SECTORS | SUBSECTORS

Healthcare | Biomedical Engineering

KEYWORDS

Cholesterol Monitoring | Portable Precision

INNOVATION OVERVIEW

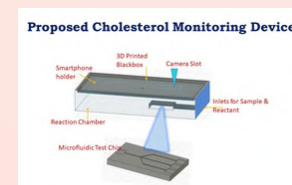
- A smartphone-based 3D printed capture system for detecting chemiluminescence is introduced as a low-cost and widely accessible method for cholesterol detection.
- The integration of AI/ML algorithms with smartphone-based detection provides an innovative way to combine accessible technology with advanced data analytics, intelligent decision-making for improved diagnostic accuracy and efficiency.



ACHIEVEMENT(S)

- Project Selected for support under CRTDH, IIT Kharagpur, for innovative work on a Portable and Affordable Cholesterol Monitoring Device using a Microfluidic Platform.

PRODUCT(S)/ SERVICES



Portable and Affordable Cholesterol Monitoring Device

This work develops a system for precise handling and mixing small blood serum volumes using microfluidic and cholesterol sensing with chemiluminescence.





Ms. Priyadharsini S



Ms. Priyadharsini S
Co-Founder and Director

SECTORS | SUBSECTORS

AgriTech | Automation

KEYWORDS

AI assisted Plant breeding | Automation | Phenotyping

INNOVATION OVERVIEW

- Harnesses drone-based imaging, RTK GPS, and AI-driven machine-learning Models
- Automating the plant phenotyping process, delivering real-time data with 5 cm precision through Faster R-CNN models and advanced AI architectures.



Mr. Ankit Mudpe
Co-Founder and Director



ACHIEVEMENT(S)

Finalist of ANTRA Grand Challenge Season 2 organized by TIHAN IIT Hyderabad, in collaboration with IRMA ISEED FOUNDATION

PRODUCT(S)/ SERVICES



AcrePhenoX

Advanced System for High throughput Crop Phenomics

NIDHI Prayasee

Dr. Farha Memon



Dr. Farha Memon
Director

SECTORS | SUBSECTORS

HeathTech | Women HeathTech | FemTech

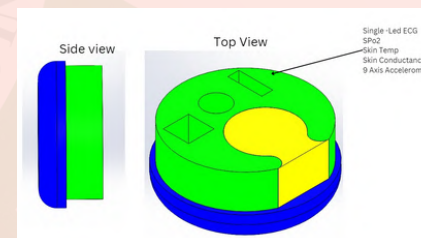
KEYWORDS

PCOS | Reproductive Health

INNOVATION OVERVIEW

- Early detection of polycystic ovary syndrome (PCOS)-related hormonal imbalances
- Predicts cardiovascular risks linked to PCOS
- Tracks ovulation and menstrual irregularities accurately
- Medical-grade, jewelry-like wearable for continuous health monitoring
- Sensor to assess HPO axis dysfunction, ovulation and menstrual tracking

PRODUCT(S)/ SERVICES



PcosCare

Wearable device for PCOS management





Dr. Sangeeta Sammanwar
Director & CEO

SECTORS | SUBSECTORS

Healthcare | Biomedical Instrumentation

KEYWORDS

Biochemistry Analyzer | Blood parameter sensing

INNOVATION OVERVIEW

- Complex hardware
- Expensive & Import bottleneck
- High reagent consumption
- Reduced hardware with soft filters
- Integrated microfluidics to reduce reagent consumption
- Machine learning for improving accuracy
- Low cost microfluidic paper based device
- Point of care devices for blood parameter sensing

ACHIEVEMENT(S)

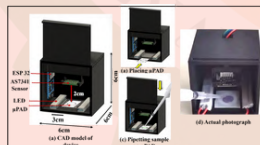
- 4th winner of Swadeshi Microprocessor Challenge, a national level event organized by MeitY
- Successfully received a Biotechnology Ignition Grant (BIG) of INR 50 Lakhs from BIRAC

PRODUCT(S)/ SERVICES

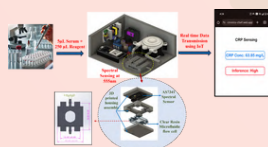
Machine learning assisted Biochemistry Analyzer



Portable Paper-Based Biochemistry Analyzer



CRP-Sense



GOVT. FUNDING RECEIVED Rs. 50 Lakhs

PATENT(S) 3 / 4 Granted/ Filed



Ms. Rohini Rakshak
CEO

SECTORS | SUBSECTORS

Healthcare diagnostic | Woman reproductive health

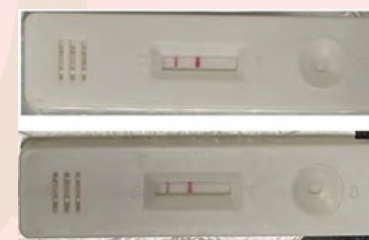
KEYWORDS

Ovulation test

INNOVATION OVERVIEW

- Currently available LH Hormone test needs to do multiple time for understanding ovulation time and it gives false positive result in case like thyroid disorder, perimenopause etc.
- Team is detecting Progesteron glucoronide in Lateral flow assay.
- Detection of Progesteron glucoronide can give single step ovulation test

PRODUCT(S)/ SERVICES



Janani

Single step ovulation test



Entrepreneurship Capacity Building Cell (ECBC)

Funding Agency



**Knowledge &
Implementation Partner**



Entrepreneurship Capacity Building Cell (ECBC)

GSBTM (Gujarat State Biotechnology Mission) and **STBI (Savli Technology and Business Incubator)** has developed a Network of “Entrepreneurship Capacity Building Cells” (E-CBC) in order to give momentum to ‘germination of innovative Ideas’.

Ecosystem enablers have an instrumental role in facilitating pre-incubation support providing the adequate opportunity to build up entrepreneurship capacity, identifying problems and germinating innovative ideas.

The salient features of the scheme is as follows:

9

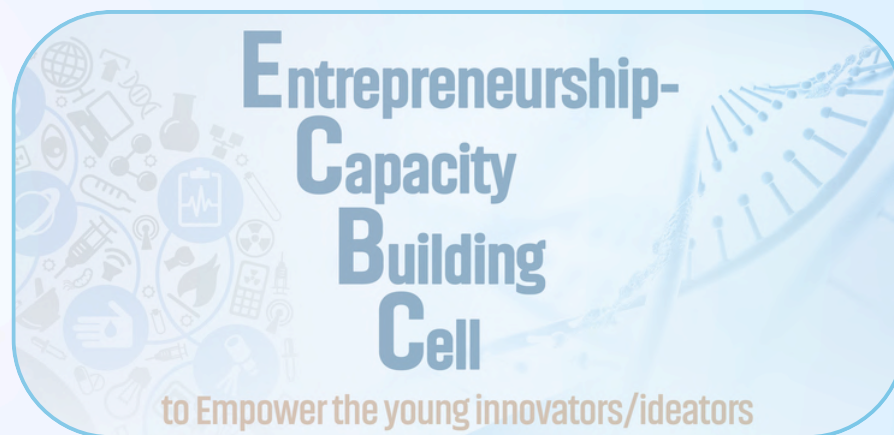
**E-CBC Centers
across the State**

2

**Cycles
Completed**

25

**Innovative
Ideas supported**



For more information



Network of E-CBC



Dr. Derajram Beniwal
NIPER-Ahmedabad



Dr. Amit Sata
Marwadi University,
Rajkot



Dr. Vimal Ramani
College of Dairy Science
& PG Institute, Amreli



Dr. Gaurav Shah
Veer Narmad South
Gujarat University, Surat



Dr. Anil Kumar Singh
Government Science
College, Vankal



Dr. Sanjay Jha
Navsari Agricultural
University, Navsari



Dr. Gaurav Jerath
Gujarat Biotechnology
University, Gandhinagar



Dr. Kundankumar Mishra
N V Patel College of
Pure and Applied
Sciences - VV Nagar



Dr. Mayur Sahani
The M S University of
Vadodara



Mr. Hardik Patni
Lead Innovator



Mr. Sagar Patel
Team Member



Mr. Rohit Kalal
Team Member

Reach out to E-CBCs

SCAN ME



Stay connected with STBI



NewWay

Mr. Hardik Patni

Savli Technology
& Business Incubator
Government of Gujarat

SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Nutraceuticals/ Food Additive

KEYWORDS

Vitamin-D deficiency | Food biofortification

INNOVATION OVERVIEW

- **Child Malnutrition:** 21% of Indian children lack essential nutrients like Vitamin D.
- **Dietary Gap:** Vegetables don't meet daily Vitamin D needs.
- **Widespread Deficiency:** 70-80% of Indians suffer from low Vitamin D due to limited sun exposure.
- **Photoactivation:** Converts ergosterol to Vitamin D2 in fungi.
- **Sunlight Mimicry:** Enhances Vitamin D naturally, without chemicals.
- **Safe & Efficient:** Boosts D2 production while preserving quality.



ACHIEVEMENT(S)

- EO GSEA India Finalist – Recognized as a top student entrepreneur at the prestigious Entrepreneur Organization Global Student Entrepreneur Awards (EO GSEA) India Finals.
- First Rank in National Competitions – Secured 1st place in the National Ideathon at Gujarat Biotechnology University, Gift City, and the SSIP Hackathon 2022, Gujarat, for innovative biotechnology solutions.

PRODUCT(S)/ SERVICES



Newway's Fortmin-D
Food premix enriched
with Vitamin -D

- Meets daily needs
- Tasteless & Easy – No after taste
- Boosts Immunity & Metabolism
- High Protein for Overall Health



**Newway's Vitamin-D
concentrator**

- Easy To Use, Durable & Safe – Food Safety Grade SS 304 Material
- Portable & Efficient – Compact & energy-saving
- Versatile & Easy – Customizable, user-friendly
- Chemical-Free – Natural Vitamin D booster



INDUSTRIAL DESIGN (S)

1/1

Granted/ Filed

TRADEMARK

1/2

Granted/ Filed

More Information, More Start-Ups...?

Scan the QR code to
explore More opportunities..!





Mervin Alex Mathew
Lead Innovator

SECTORS | SUBSECTORS

Healthcare | Wound healing

KEYWORDS

Natural | Oxidative Stress

INNOVATION OVERVIEW

- **Antioxidant Role in Healing** – The plant's antioxidant properties help conserve fibroblast and keratinocyte proliferation, aiding in wound healing.
- **Effective for Burns & Infections** – The aqueous extract of its leaves is applied to soft-tissue burns and skin infections.
- **Antioxidant-rich** – Enhances wound healing by reducing oxidative stress.
- **Fastens clotting** – Reduces bleeding and supports quick recovery.
- **Antibacterial** – Fights Gram-positive & Gram-negative bacteria, preventing infections.

PRODUCT(S)/ SERVICES



Wound Healing Cream

Natural high efficiency wound healing cream



Dr. Raina Jain
Lead Innovator

SECTORS | SUBSECTORS

Health Care | Enzymes

KEYWORDS

GMO | Cotton

INNOVATION OVERVIEW

- The identification of GMO cotton plants is challenging for farmers due to limited and costly detection methods
- Accessible, affordable, and reliable solutions are needed to ensure informed seed selection
- Development of rapid DNA extraction and GMO test kit (Real-time based kit) for screening of genetic events in cotton and textiles
- Helping consumers in proper labelling and certification of non-GMO products

PRODUCT(S)/ SERVICES



Development of Genetically Modified Organism testing kit

First indigenous kit developed for rapid DNA extraction and GMO testing of cotton products, based on international guidelines set by GOTS and OCA.





Mr. Raval Jeetendrakumar
R&D Head



Mrs. Bhavana Raval
CEO

SECTORS | SUBSECTORS

Med-Tech | Med Device

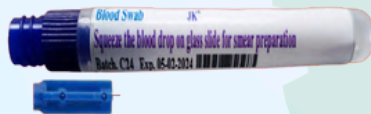
KEYWORDS

Animal Blood Sampling | Blood Swab

INNOVATION OVERVIEW

- **Lack of Minimally Invasive Veterinary Diagnostics:** Existing methods are invasive and stressful for animals.
- **Need for Sustainable Healthcare Technologies:** Innovative, eco-friendly diagnostic solutions are required.
- **Efficient Blood Collection:** Reduces waste and discomfort.
- **Accessible Diagnosis:** Supports farmers, even in remote areas.

PRODUCTS(S)/SERVICES



Device for animal blood
collection and Vial

- Livestock blood collection from the ear margin for disease diagnosis.
- It enables easy storage and transport without syringes or anticoagulants.

PRIVATE FUNDING RECEIVED

Rs. 10 Lakhs

PATENT

0/1

Granted/ Filed



Mr. Prince Kumar
Lead Innovator

SECTORS | SUBSECTORS

Health Care | Pharma

KEYWORDS

Ringworm Therapeutics | Anti-fungal

INNOVATION OVERVIEW

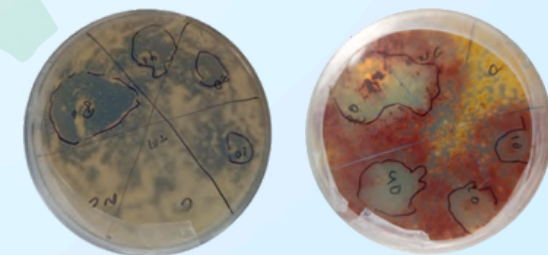
- Current treatment of ringworm takes long time somewhere around 2-3 months due to AMR.
- The average spent of patients to treat ringworm is around 2500-3500 rupee as multiple and harsh doses has to be taken by patients.
- Our product will be able to treat AMR very effectively with very low doses thereby reducing the overall cost.
- Very low regulatory delays as we will be repurposing the already approved FDA drugs.



ACHIEVEMENT(S)

Secured ECBC seed funding of INR 4,00,000 from GSBTM and AGF grant of INR 4,00,000 from DST GoG

PRODUCT(S)/ SERVICES



Anti Ringworm cream

A novel therapeutic strategy
against ring worm infection





Mr. Jayesh Kabariya
Lead Innovator



SECTORS | SUBSECTORS

Clean Tech | Nutraceuticals/ food additive



KEYWORDS

Phycobilins | Dairy Effluent

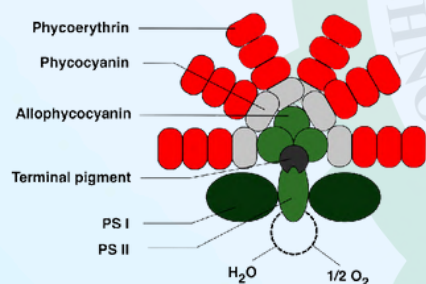


INNOVATION OVERVIEW

- Dairy effluent have higher amount of organic nutrients and larger amount of volume.
- Traditional methodology are available but they are costly due to high energy cost inputs and time consuming due to large volume of effluent.
- Development of a low-cost dairy effluent treatment using cyanobacteria, with biomass utilization for pigment (phycobiliprotein) production.



PRODUCT(S)/ SERVICES



Cyanobacterial Pigment Production

- Cost-Effective Effluent Treatment – Cyanobacterial cultures reduce dairy treatment costs by utilizing organic nutrients, CO₂, and light while releasing oxygen.
- Biomass Utilization – Collected biomass can be used for extracting, purifying, and grading phycobiliprotein pigments.



Dr. Pinakin Dhandhukia
Lead Innovator



SECTORS | SUBSECTORS

Engineering/ Manufacturing | Industrial Bio-Products



KEYWORDS

MICP Coating | Concrete Porosity



INNOVATION OVERVIEW

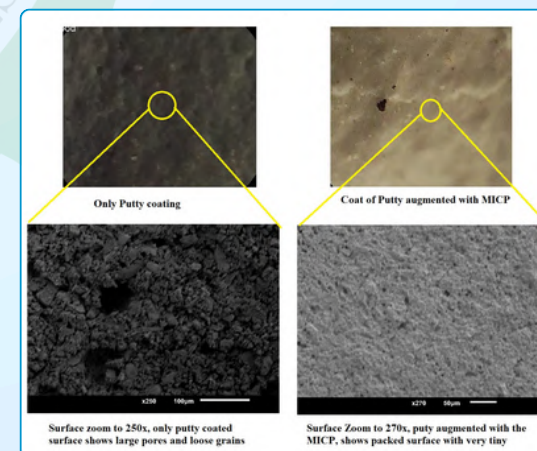
- Concrete's porosity shortens its lifespan by allowing air and gas ingress.
- India focuses on infrastructure (roads, railways, ports) for regional dominance.
- Microbial-induced carbonate precipitation (MICP) Coating – Reduces concrete porosity and enhances durability.
- Urea-Free Innovation – Uses isolated microbes for a sustainable solution.



PRODUCT(S)/ SERVICES

Microbial augmented surface coating formulation for civil structures

- Urea-Independent MICP – Identified isolates that reduce porosity without urea, supporting commercial potential.
- Tested & Proven – SEM and other tests show reduced porosity and smoother, more bound surfaces.





Mr. Krunal Dholiya
Lead Innovator

SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Secondary Agri-Product(s)

KEYWORDS

Edible Coating | Agriculture/ Agri-Tech

INNOVATION OVERVIEW

- **Rapid Ripening & Spoilage:** Vegetables deteriorate quickly after harvest due to moisture loss and accelerated ripening, leading to significant waste.
- **Microbial Contamination:** Fresh produce is highly susceptible to microbial infections, causing decay and reducing marketability.
- **Slows Down Ripening:** Forms a natural, bio-based protective layer to retain moisture and extend the freshness of vegetables.
- **Shields Against Microbial Attacks:** Acts as a barrier to prevent contamination, reducing spoilage and post-harvest losses.

PRODUCT(S)/ SERVICES

Bio-Peel: Edible coating on fruits & vegetables

- BioPeel is a biopolymer-based protective edible coating designed for vegetables and fruits.
- It helps slow down ripening, reduce post-harvest spoilage, and protect against microbial infections, extending the freshness and shelf life of produce naturally



Ms. Arti Kabra
Lead Innovator

SECTORS | SUBSECTORS

Engineering/ Manufacturing | Secondary Agri-Product(s)

KEYWORDS

Mycelium-Packaging | Biodegradable/Biomaterial

INNOVATION OVERVIEW

- **Mounting agricultural waste:** Traditional farming practices generate significant waste like straw, stalks, and sawdust.
- **Non-biodegradable packaging:** Styrofoam and plastic packaging pollute the environment due to their slow degradation.
- **Mycelium Packaging:** Where we are developing fungal based materials which can be used for packaging and other applications.

PRODUCT(S)/ SERVICES



ReshaCelium

Biodegradability, Renewability, Versatility, and
Reduced Carbon Footprint





Ms. Parita Mangroliya
Lead Innovator



SECTORS | SUBSECTORS

Agriculture/ Agri-Tech | Hygiene & Food Safety



KEYWORDS

Natural dye | Freshness indicator



INNOVATION OVERVIEW

- **Food Safety Challenge** – Milk quality suffers from poor handling and fraud.
- **Detection Barrier** – Identifying food fraud at home needs advanced tools.
- **Natural Freshness Indicator** – Uses fruit and floral waste dyes for milk quality detection.
- **Safe & Easy** – Lab-free, non-carcinogenic, and provides quick results at home.

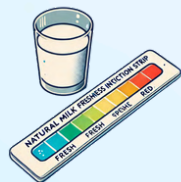


ACHIEVEMENT(S)

3rd rank in best poster presentation at SMC, Anand



PRODUCT(S)/ SERVICES



Natural Milk Freshness Indication Strip

The freshness indicator strip, made from natural dyes extracted from fruit, vegetable, and floral waste, changes color to indicate product freshness.



Ms. Khushbu Patel
Lead Innovator



SECTORS | SUBSECTORS

Health Care | Herbal Product



KEYWORDS

Secondary Metabolites | Root Biomass



INNOVATION OVERVIEW

- **Rising Demand** – Secondary metabolites are in high demand for health benefits.
- **Low Yield Issue** – Conventional roots have low biomass, limiting production.
- **Increased Root Biomass** – Boosts secondary metabolite production.
- **Stable Supply** – Ensures consistent metabolites year-round, unaffected by climate or seasons.



PRODUCT(S)/ SERVICES



The Root Factories

Development of model root culture system





Mr. Jaydeep Chaudhari
Lead Innovator

SECTORS | SUBSECTORS

Health Care | Nutraceuticals/ food additive

KEYWORDS

Chitin (poly-N-acetyl glucosamine) | Chitosen

INNOVATION OVERVIEW

- Cholesterol and fat-related issues are common.
- Chitosan tablets help but are expensive and sea food derived.
- Unsuitable for vegetarians due to non-veg sourcing.
- Chitosan can be extracted from fungal resources like mushrooms, which are easy to grow with low maintenance.
- This process is cost-effective, suitable round the year, and ideal for vegetarians.

PRODUCT(S)/ SERVICES



Chitosan tablets from Mushrooms

- Mushrooms are cost-effective and grow round the year.
- Chitosan from mushrooms may reduce fat and aid healing.
- Many benefits lack strong evidence.



Dr. Ahmed Shabbir Savani
Lead Innovator

SECTORS | SUBSECTORS

Health Care | Nanomaterial-Therapeutics

KEYWORDS

Ayurvedic Medicine | Nanoparticles

INNOVATION OVERVIEW

- Cost effective, Efficacious, Personalized, Broad Spectrum and Safe Ayurvedic Nanomedicine
- Use of Plant extract provides capping of reactive nanoparticle thus making Bhasma Biocompatible, safe and effective.
- Bhaskikaran - Traditional Method of Putpaka



ACHIEVEMENT(S)

Different samples of Jasad Bhasma were prepared.

PRODUCT(S)/ SERVICES



Herbal Nanoparticle- based personalized Ayurveda medicines





Ms. Minal Mane
Lead Innovator



SECTORS | SUBSECTORS

Industrial/Lab Bio-Product | Laboratory Supply



KEYWORDS

Cloning Kit



INNOVATION OVERVIEW

- Inefficient amplification of large or high GC content DNA.
- Challenges in ligation and transformation of varying DNA sizes.
- Optimizing protocols for efficient DNA amplification and cloning.
- Enhancing competent cell preparation, enzyme performance and reduced overall steps and complications and thus improved efficiency of cloning.



PRODUCT(S)/ SERVICES

Rapid, efficient method of molecular cloning towards development of single step molecular cloning service

A comprehensive molecular cloning service could include:

- Custom Gene Cloning: Amplification, insertion, and vector construction for genes of various sizes and GC content.
- Complex Projects: Handling difficult-to-clone sequences, including large inserts (2–4 kbp) and small fragments (100–400 bp).
- Library Construction: Creation of cDNA or mutant libraries for advanced research.
- Vector Optimization: Construction of specialized vectors for protein expression, CRISPR applications, or gene therapy.
- Competent Cell Preparation: Providing high-efficiency cells for transformation and downstream applications.
- End-to-End Support: Including sequence verification, troubleshooting, and delivery of ready-to-use plasmids.



Ms. Priyanka Dixit
Lead Innovator



SECTORS | SUBSECTORS

Health Care | Nanomaterial-Therapeutics



KEYWORDS

Wound Healing | Rapid



INNOVATION OVERVIEW

- Rapid wound healing
- Nanotechnology based wound healing spray



PRODUCT(S)/ SERVICES



Wound healing spray (water-based) for burning wound

A peptide-based drug formulation, reducing the risk of prolonged debility and potentially preventing the need for amputation in severe cases





Mr. Amit Sharma
Lead Innovator

SECTORS | SUBSECTORS

Health Care | Pharma

KEYWORDS

Hypersensitivity | Gum Protection

INNOVATION OVERVIEW

- Dentine hypersensitivity (DH) is a common condition causing sharp pain from stimuli like hot, cold, or sweet foods, impacting daily life, with most treatments being synthetic and potentially causing side effects.
- An Ayurveda-based natural solution for dentine hypersensitivity includes herbal formulations with ingredients offering anti-inflammatory, antibacterial, and desensitizing benefits.



Dr. Siddheshwar Chauthe
Mentor



Dr. Derajram Benival
Mentor

PRODUCT(S)/ SERVICES



Chritozenge™

A natural solution for dentine hypersensitivity

Unique Herbal Recipe: Combines natural ingredients for teeth sensitivity, gum protection, and prevention of cavities and plaque.



Ms. Simran Dani
Lead Innovator

SECTORS | SUBSECTORS

Cosmetic | Skin Care

KEYWORDS

Nature-derived | Nano-particles

INNOVATION OVERVIEW

- High oxidative stress in skin
- Poor collagen synthesis
- Poor absorption and bioactivity of natural extracts
- Novel nano-particles based formulation
- Indigenous plant bioactive compounds and mushroom polysaccharides

PRODUCT(S)/ SERVICES



Oxi-sage cosmetics

- Nano-Enhanced Absorption – Indigenous plant compounds for deep, effective skin delivery
- Antioxidant Defense – Mushroom polysaccharides combat oxidative stress
- Collagen Activation – Boosts elasticity, firmness, and skin renewal





Ms. Dhrutiben Patel
Lead Innovator



Dr. Mayur Sahani
Mentor



SECTORS | SUBSECTORS

Deep Tech | Immune Reagent



KEYWORDS

Cancer Therapeutics | Antibody Conjugate

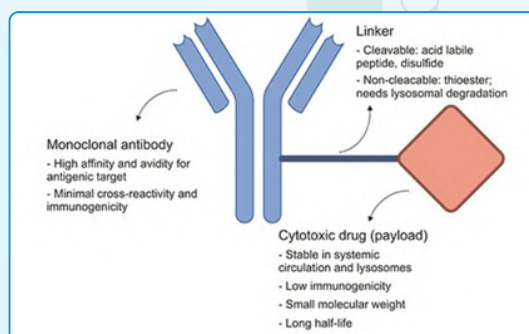


INNOVATION OVERVIEW

- Chemotherapy has adverse effects and is ineffective
- Monoclonal antibodies (mAbs) don't have any negative side effects so can be used for Antibody Drug conjugate (ADC)
- Existing cancer therapy is not very effective
- ADC is effective for 37% of breast cancer patients



PRODUCT(S)/ SERVICES



Antibody Drug conjugate (ADC)
for Cancer Therapy



Mr. Viral Gajera
Lead Innovator



SECTORS | SUBSECTORS

Diagnosis | Glucometer



KEYWORDS

Nano-particles



INNOVATION OVERVIEW

- **Non-Invasive Monitoring** – Uses PPG signals to measure blood glucose levels, eliminating the need for finger pricks.
- **Smartphone Integration** – Seamlessly connects to a mobile app for real-time glucose tracking and health insights.
- **AI-Driven Accuracy** – Employs advanced algorithms to enhance glucose measurement precision from PPG data.
- **Personalized Health Insights** – Provides tailored recommendations, reminders, and alerts for medication and doctor visits.
- **Multi-Parameter Health Tracking** – Combines glucose monitoring with heart rate, sleep, and stress analysis for holistic health management.
- **User-Friendly and Cost-Effective** – Offers a convenient, affordable alternative to traditional blood glucose monitoring methods.



PRODUCT(S)/ SERVICES



Non-invasive Glucose
monitoring device





Ms. Foram Kundalia
Director



SECTORS | SUBSECTORS

Healthcare | Female Hygiene



KEYWORDS

Sanitary Pads | Portable Urination Device



INNOVATION OVERVIEW

- Biodegradable pads made from agricultural stubble, completely plastic-free.
- Sustainable urination device designed for hygiene and convenience.
- Eco-friendly, high-absorbency materials for better performance.



Mr. Khushal Katdare
Director



ACHIEVEMENT(S)

- Top 32 at Smart Ideathon, 2023 held at GITAM University.
- Top 100 at IISF, SIF, held at MANIT Bhopal.
- Educated over 500 girls about menstruation and the importance of using menstrual hygiene products, empowering them with knowledge for a healthier future.



PRODUCT(S)/ SERVICES



Biodegradable Sanitary Pads

Nishkaam Innovations' biodegradable sanitary pads are made from agricultural stubble, offering a completely plastic-free solution to menstrual hygiene.



UriMate

UriMate is a portable, sustainable urination device designed for convenience, hygiene, and comfort.



PATENT (S)

0 / 6

Granted/ Filed

INDUSTRIAL DESIGN (S)

11 / 14

Granted/ Filed

TRADEMARK

0 / 1

Granted/ Filed



Mr. Chauhan Sohilkhan
Lead Innovator



SECTORS | SUBSECTORS

Agriculture | Agriculture waste management



KEYWORDS

Sustainability | Waste to Best



INNOVATION OVERVIEW

- Agriculture waste have been burnt due to no economic potential and environmental pollution
- Using agriculture residues as raw material convert it into sustainable product and reduce the carbon footprint, to create the circular economy



ACHIEVEMENT(S)

- First rank in poster presentation at PDEU Gandhinagar.
- Received most innovative idea award at technical symposium Bio impact 2024 at PDEU Gandhinagar. For the project



PRODUCT(S)/ SERVICES



Sustainable Utensils



Dr. N V S Praneeth
CEO

SECTORS | SUBSECTORS

Optical devices | Bio/Chemical sensing devices



KEYWORDS

Point-of-care/on-site sensing | Cost-effective instrumentations

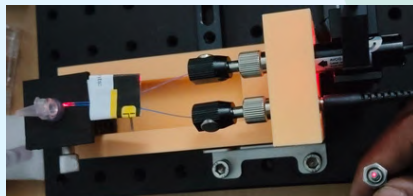


INNOVATION OVERVIEW

- Current instruments used for optical sensors are costly and bulky.
- Most of the components are imported bringing in more trade deficit.
- Plasmonic sensor platforms are also mostly imported.
- No scalable plasmonic biosensor chip production facility in India.
- Miniaturized optical setup and a smartphone application to convert smartphone into a handheld spectrometer.
- This would help rural areas or semi-urban centres where path labs can't afford costly spectrometer.
- This device would also help during disease outbreaks when available infrastructure is stressed with rapid deployment.

Dr. Gayatri Joshi
CTOMs. Payel Ghosh
Team Member

PRODUCT(S)/ SERVICES



FibSens

A miniaturized optical setup and a plasmonic biosensor chip

Mr. Arin Jain
Lead Innovator

SECTORS | SUBSECTORS

Healthcare | Biotechnology



KEYWORDS

Therapeutics | saRNA



INNOVATION OVERVIEW

- Fat deposition on arterial inner walls- Atherosclerosis.
- Increasing mortality rates of CVD- 28.1% in India.
- Overexpression of atheroprotective protein CD39 using self-amplifying mRNA.
- Using Lipid nanoparticles as delivery mechanism.

Dr. Rohini Nair
Mentor

PRODUCT(S)/ SERVICES



mCardia

mRNA based therapeutic for the treatment of atherosclerosis





Mr. Kartik Chauhan
CEO

SECTORS | SUBSECTORS

Bio- Medical | Instrumentation

KEYWORDS

Biosafety Cabinets | Laminar hood | Sterile Workbench

INNOVATION OVERVIEW

- A single-unit device combining sterile airflow with an incubation chamber.
- A lightweight, compact system for easy transport and minimal space usage.
- Reduces equipment costs and is accessible for educational and research purposes.



Dr. Dolatsinh Zala
CTO

PRODUCT(S)/ SERVICES



Laminar with Incubator

Combining the laminar air flow and incubator into a single portable device reduces cost, saves space, and enhances usability in biotechnology labs and field applications.



Ms. Shubhangi Jha
Lead Innovator

SECTORS | SUBSECTORS

Healthcare | Diagnostics

KEYWORDS

Point of care | Rapid

INNOVATION OVERVIEW

- **Home-Based Diagnostic Kit:** Detects *Neisseria gonorrhea* quickly and accurately from urine samples.
- **Core Technology:** Uses Recombinase Polymerase Amplification (RPA) combined with Lateral Flow Assay (LFA) for rapid, easy-to-read results.



Ms. Bhumika Deb
Co-Founder



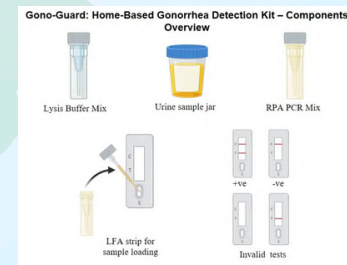
Mr. Tushar
Co-Founder



ACHIEVEMENT(S)

Received recognition at the National Conference organized by NESA in April, 2024 for presenting this idea as a poster in Bio-Idea

PRODUCT(S)/ SERVICES



GONO-GUARD

Detects *Neisseria gonorrhea* quickly and accurately from urine samples





Medical Devices Manufacturing Possible at STBI ISO 13485 Certified Facility + Clean Rooms



Pragmatech Healthcare Solutions Pvt. Ltd.



Manufacturing Site:
SL3B, Savli Technology and Business Incubator (STBI)

EPIP/CFC Building, GIDC Savli, Manjusar, Vadodara,
Gujarat (India) - 391775

CIN: U29100GJ2020PTC113976

8806567744 ✉ anirban.palit@pragmatech.co.in



Clean Rooms @ STBI
(Class 7 or equivalent to ISO 14644-1, 2, & 3 Certified)



AtmaNirbhar Gujarat Fellowship (AGF)

Implementation Agency





Mr. Suresh Patil
Founder & CEO

SECTORS | SUBSECTORS

Climate tech | Circular economy

KEYWORDS

EcoKrishi | Agriculture Waste and Residue Management



Mr. Dhyaneswar Pawar
Co-Founder & CTO

INNOVATION OVERVIEW

- **Air Pollution** – Burning crop residues releases greenhouse gases.
- **Biomass Waste** – Poor management of residues like feathers and banana peels.
- **Soil Degradation** – Excessive chemical fertilizers harm fertility and productivity.
- **Biochar Production** – Converts crop residues, reducing open burning.
- **Waste-to-BioStimulants** – Transforms feathers and banana peels into fertilizers.
- **Soil Enrichment** – Boosts fertility, water retention, and sustainable farming.

PRODUCT(S)/ SERVICES



KrishiAmrit
Enriched Biochar
Soil amendment



Keshalika
(A product prepared from
Chicken Feathers and
Banana peels. Keshalika is the
Sanskrit words for feathers.)



Mr. Prateem Naskar
Lead Innovator

SECTORS | SUBSECTORS

Green Startup / IoT | Energy Efficiency / Advance Security

KEYWORDS

Sustainability | IoT

INNOVATION OVERVIEW

- Addressing inefficient illumination of public areas
- Replacing conventional and outdated fencing
- High-end smart streetlights and IoT controllers for power transmission
- IR beam periphery demarker



ACHIEVEMENT(S)

- Hult Prize Mumbai regional winners
- AYEL winner

PRODUCT(S)/ SERVICES



Night-Hawk Streetlights

(Integrated with advanced
high range motion sensor
with LDRs and Laser
demarkers)



Watch-Dog security

(Integrated with advance
multilayered beams, with
physical alarms and
remote notifier.)

PATENT

0 / 2

Granted/ Filed





Mr. Vinay Varmora
Lead Innovator

SECTORS | SUBSECTORS

Clean Tech | Recycling

KEYWORDS

Metal Extraction | Spent Lithium-ion Battery

INNOVATION OVERVIEW

- **Reduce Import Dependency** – Relies on foreign raw materials.
- **Mitigate Supply Chain Risk** – Disruptions impact battery prices and availability.
- **Lowering the Environmental Impact** – Toxic emissions, health risks, and high water use in mining.
- Recycling mitigate the problems related to human health, foreign dependency, and environmental issues.
- Thus, recovering metals will reduce the foreign dependency and contribute to "Atmanirbhar" Bharat.
- When India is targeting to achieve net zero by 2070, we can not achieve this by only reduce carbon emission.
- We can deliver our commitment to environmental responsibility.
- Discover the resale value of batteries.

PRODUCT(S)/ SERVICES



Cobalt Sulphate



Lithium Carbonate



Mr. Mit Patel
Lead Innovator

SECTORS | SUBSECTORS

Health care | Medical Devices

KEYWORDS

External Urine catheter kit | IoT | Non-invasive

INNOVATION OVERVIEW

- Lack of Urine management system for bedridden/wheelchair bound people.
- Portable external urine management kit.
- It consists of automatic urine capturing kit and collecting canister.



ACHIEVEMENT(S)

- Rural Healthcare Hackathon – 2nd Prize, IIT Guwahati, sponsored by Indian Healthcare Angels & Bio-Rx Ventures.
- Best of Biotech – Top 3 Med-Tech innovations, Life Science Austria (LISA).

PRODUCT(S)/ SERVICES



UDIGNI
(Portable external urine management kit)

PATENT

0 / 1

Granted/ Filed





Mr. Naheed Bloch
Lead Innovator

SECTORS | SUBSECTORS

Health care | Diagnostics

KEYWORDS

Rapid | Point-of-Care

INNOVATION OVERVIEW

- **Rapid UTI Diagnosis** – Needed to prevent infection severity within 72 hours.
- **AMR Challenge** – Requires quick antibiotic sensitivity testing for effective treatment.
- **Innovative Sensor** – Detects nitrite as a UTI biomarker.
- **Rapid Assay** – Identifies UTI and antibiotic sensitivity within 4 hours.

PRODUCT(S)/ SERVICES

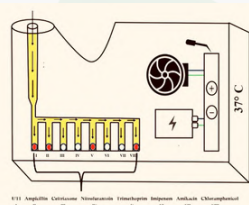
NDB (Nitrite Detection Bead) Sensor

- NDB Sensor can rapidly detect Nitrite (a UTI Biomarker) and develop the pinkish-red colour within 2 minutes.
- It is specific to nitrite only and has the shelf life of 12 months at 4°C.



UD - UTI Diagnosis Device (Under manufacturing)

(UD will be able to rapidly detect UTI and antibiotic sensitivity within 4 hours via urine.)



PATENT

0 / 1

Granted/ Filed



Ms. Nisha P. Raval
Lead Innovator

SECTORS | SUBSECTORS

Veterinary | Animal Health-care

KEYWORDS

Bovine Mastitis | Point-of-Care

INNOVATION OVERVIEW

- Health and diagnostic Problems
- Development of Diagnostic Devices

PRODUCT(S)/ SERVICES



Point of care diagnostic services for animal mastitis

- Rapid Detection: Kit for instant *Staphylococcus aureus* detection in mastitis milk.
- Market Demand: Targets vets, dairy farms, and healthcare providers.





Mr. Prince Kumar
Lead Innovator

SECTORS | SUBSECTORS

Health care | Pharma

KEYWORDS

Ringworm | Therapeutic

INNOVATION OVERVIEW

- Tackle AMR in ringworm cases
- Proper and fast treatment of ringworm
- Metabolic pathway imbalance
- Drug repurposing



ACHIEVEMENT(S)

- Secured ECBC grant from GSBTM, DST, GoG
- AGF grant from STBI, DST, GoG

PRODUCT(S)/ SERVICES



Anti Ringworm cream

A novel therapeutic strategy
against ring worm infection



Mr. Abhishek Sakhiya
Lead Innovator

SECTORS | SUBSECTORS

Climate tech | Circular ecosystem

KEYWORDS

Eco-Friendly | Sustainable

INNOVATION OVERVIEW

- **Agri-waste Impact** - Millions tons of biomass generates annually in India.
- **Overconsumption** - Textile industries waste water & energy; sustainability suffers.
- **Water pollution** - Industry releases toxic chemicals; this taints water sources.
- **Natural fiber** - Convert agriculture residue into alternative fiber.
- **Efficient processing** - Consume less water and energy, enhancing sustainability.
- **Bio-chemical treatment** - Use a non-toxic process; reducing pollution.

PRODUCT(S)/ SERVICES



Textile Grade Natural Fiber

- Biodegradable
- Breathable
- Moisture-Wicking
- Lightweight

Multiple Usecases

- Apparels
- Fashion accessories





Mr. Darpan Kadu
Lead Innovator

**SECTORS | SUBSECTORS**

Modular Truck | Electric Utility Bike | Bicycle

**KEYWORDS**

Engineering/Manufacturing | Electric Vehicles

**INNOVATION OVERVIEW**

- Reduces diesel dependency and emissions with a 215 kW electric powertrain and a 250 kWh battery.
- Offers a modular design for versatile applications and a practical range of 200 km, upgradable to 1200 km.
- Enhances logistics efficiency through smart fleet management and optimized route planning.

**ACHIEVEMENT(S)**

- Transferred a Technology to Meta EV.
- Shortlisted in EV cohorts by multiple agencies.

**PRODUCT(S)/ SERVICES****AshvaMitra** (Modular Electric Truck)

- A modular electric truck with a 215 kW motor, 250 kWh battery, and 200 km range.
- Its advanced modules support versatile uses like refrigeration and sweeping, offering a zero-emission, cost-effective diesel alternative.



Mr. Ashok Sindhav
Lead Innovator

**SECTORS | SUBSECTORS**

Healthcare | Cardiac Health & Diagnostics

**KEYWORDS**

IoT in Healthcare | Smart Medical Devices

**INNOVATION OVERVIEW**

- High Mortality from Heart Disease
- Lack of Real-Time Alerts
- Preventive Healthcare Gaps
- Absence of Remote Monitoring & Data Sharing
- IoT-Enabled Wearable Device
- AI-Powered Health Insights
- Real-Time ECG Monitoring

**PRODUCT(S)/ SERVICES****Swet IoT**

- Real-time Heart Monitoring – Swet IoT provides continuous ECG tracking, instant alerts for abnormalities, and cloud-based data sharing with healthcare providers.
- Portable & User-Friendly – A compact, easy-to-use device with a mobile app interface for seamless accessibility and affordability.
- Bridging Healthcare Gaps – Designed for Tier 2 & 3 cities, ensuring early detection of cardiac issues and timely medical intervention.





Ms. Nirali Patil
Co-founder/Director

SECTORS | SUBSECTORS

Sustainable energy | Clean Tech

KEYWORDS

Agriculture Waste | SiO_2 | Si | Organic acids
|Semiconductor | Solar cells | Electronics

INNOVATION OVERVIEW

- **Industrial Importance & Import Dependence:** SiO_2 and Si are crucial for industries like food, rubber, toys, cosmetics, electronics, and semiconductors. However, India relies on imports due to high energy and cost-intensive production, monopolized by China and Russia.
- **Sustainable Production Approach:** The proposal suggests producing SiO_2 and Si from agricultural waste (rice husk & sugarcane bagasse) using eco-friendly biological routes, leveraging microbes that generate organic acids.
- **Eco-Friendly & Cost-Effective Benefits:** Organic acids facilitate SiO_2 and Si extraction in a non-harmful, energy-efficient manner, requiring lower temperatures and shorter processing times, making the process more sustainable.



Ms. Priyanka Dhawane
Co-founder/Director



Prof. G Nareshkumar
Co-founder/Director

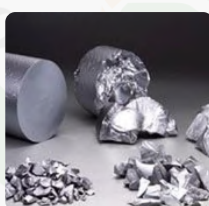
PRODUCT(S)/ SERVICES



Silicon dioxide



Silicon



Polysilicon



Dr. Janki Shah
CEO

SECTORS | SUBSECTORS

Research & Development | AI & ML

KEYWORDS

Research Careers | Research Lab Resource

INNOVATION OVERVIEW

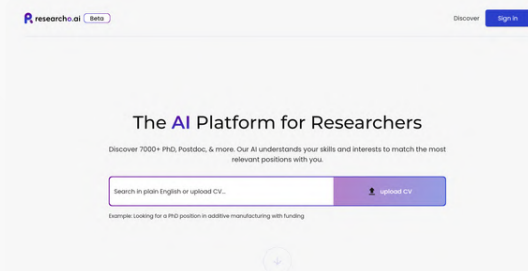
- Researchers struggle to find relevant global positions and resources.
- Current platforms lack context-aware search capabilities.
- AI-powered vector-based search platform for precise results.
- Context-based matching of jobs and resources.



ACHIEVEMENT(S)

- Recognized by IIC Regional Meet 2023 for innovation and impact.
- Selected for HerStart and StrongHer Arise Accelerator to scale solutions.
- Currently part of the ongoing Wadhvani Accelerator Program for growth.

PRODUCT(S)/ SERVICES



Researcho.ai

AI-powered platform for research positions, tools, events & collaborators





Mr. Supriyo Biswas
Founder & CTO

SECTORS | SUBSECTORS

Clean tech & Renewable Energy | Deep technology

KEYWORDS

Electrical & Electronics Hardware | Portable Power station

INNOVATION OVERVIEW

- **Remote Locations:** Areas without access to the grid, for defense applications or off-grid Ops- Power Back up
- **Emergency Situations:** Power outages, natural disasters, power solutions
- **Medical emergency equipment's:** For Mobile ICU, and Monitoring devices , to power up
- **Rechargeable Battery:** LiFePO4 cells with a 7-10 year cycle life. (Clean Energy)
- **Output ports:** AC, USB, and DC for various devices
- **Renewable Charging:** Works with solar panels and wind turbines. (Green Energy)
- **Portability:** Lightweight (<3 kg) with wheels for easy transport.

PRODUCT(S)/ SERVICES



Thor 1

- Specifically designed for Drone battery fast charging solution
- Fast recharging through renewable source - solar and wind; also with Vehicle & Grid

PATENT

0 / 1

Granted/ Filed



Ms. Kinjal Vaghela
Lead Innovator

SECTORS | SUBSECTORS

Healthcare | Information Technology

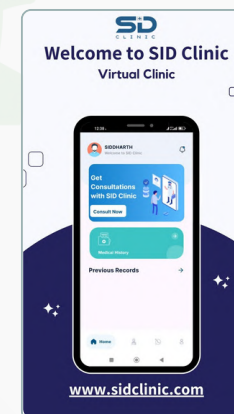
KEYWORDS

Dental Health | Virtual Consultation

INNOVATION OVERVIEW

- Fear of dental procedures, high treatment costs, and lack of awareness prevent people from seeking timely dental care, leading to severe oral health issues.
- The SID Clinic App provides an easy-to-use platform for self-diagnosis, virtual consultations, and affordable treatment options, empowering individuals to take control of their oral health while eliminating common barriers to care.

PRODUCT(S)/ SERVICES



SID Clinic Virtual Consultation APP





Mr. Madhav Kotecha



Mr. Madhav Kotecha
Founder

SECTORS | SUBSECTORS

Construction | Construction Materials

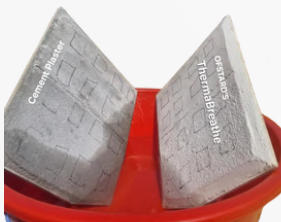
KEYWORDS

Eco friendly | Sustainability

INNOVATION OVERVIEW

- Cement contributes more than 10% in global warming.
- Cement production emits one ton of CO₂ per ton of cement.
- It is Non-Breathable material so, there is no thermal insulation. So, it is prone to moisture attack.
- Due to its Inflexibility, it fails to resist cracks.
- Need an eco-friendly binder with the same strength and properties as cement.
- Reduces carbon emissions significantly.
- Breathable surface which allows water vapour evaporation. makes it moist proof.
- Binder with flexible surface which can easily resist to weather-Induced cracks.

PRODUCT(S)/ SERVICES



ThermoBreathe

A ready to use plaster which has an ability to evaporate moisture from the surface, also the surface has flexibility that easily resists weather induced cracks.

INNOVATION SUPPORT

ATMANIRBHAR GUJARAT FELLOWSHIP (AGF)

ALL AREAS OF:

STEM
SCIENCE • TECHNOLOGY • ENGINEERING • MATHEMATICS

18 months
(+ 6 months extension possible)

For those interested in Development of:
Product | Process | Technology | Start-Up

STBI AGF-A	STBI AGF-B	STBI AGF-C
BSc/ BE/ B.Tech (Any Discipline)	MSc/ ME/ MTech (Any Discipline)	PhD (incl. thesis submitted) OR Masters' + 5 y exp. OR Bachelors' + 8 y exp.
• ₹ 18,000/- p.m. Fellowship • Innovation Grant ₹ 2 Lakh p.a.	• ₹ 25,000/- p.m. Fellowship • Innovation Grant ₹ 4 Lakh p.a.	• ₹ 35,000/- p.m. Fellowship • Innovation Grant ₹ 6 Lakh p.a.



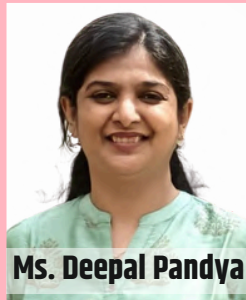
Women in STBI Startups



Ms. Palna Patel



Dr. Sayantani Pramanik



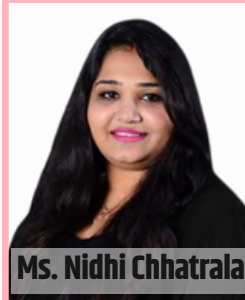
Ms. Deepal Pandya



Dr. Kranti Vora



Ms. Shilpa Malik



Ms. Nidhi Chhatrala



Dr. Komal Shah



Dr. Vanita Prasad



Ms. Anitha Selvaraj



Ms. Sarika Mantri



Ms. Riddhi Lalani



Ms. Sanskriti Parashar



Ms. Patel Bhumibahen



Ms. Tina Sonwani



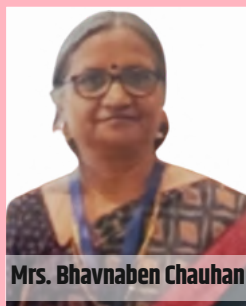
Ms. Hetalbahen Patel



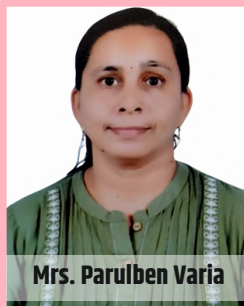
Mrs. Meenaben Patel



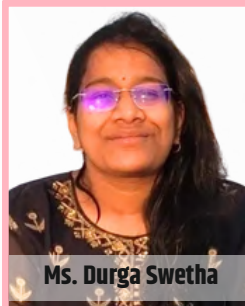
Mrs. Vency Patel



Mrs. Bhavnaben Chauhan



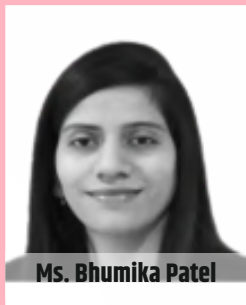
Mrs. Parulben Varia



Ms. Durga Swetha



Dr. Urvi Rangrej



Ms. Bhumika Patel



Ms. Kiranben Sohaliya



Ms. Aditi Bijalwan



MS. Priya Jishnu



Ms. Poonam Gupta



Mrs. Sandipta Biswas

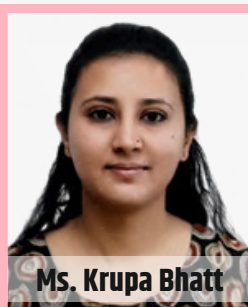


Dr. Janki Shah

Women in STBI Startups



Ms. Jaini Shah



Ms. Krupa Bhatt



Mrs. Roshni Shah



Dr. Priyanka Maske



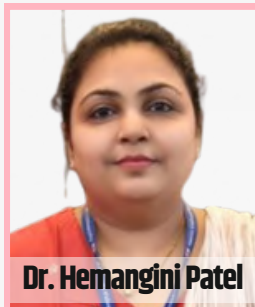
Dr. Jignishaben Patel



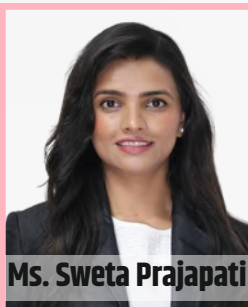
Ms. Pompa Dan



Dr. Aparna Rai



Dr. Hemangini Patel



Ms. Sweta Prajapati



Ms. Arpita Dey



Ms. Kavita Manekar



Ms. Ankita Choudhary



Ms. Priyadharsini S



Dr. Farha Memon



Sangeeta Sammanwar



Ms. Rohini Rakshak



Dr. Raina Jain



Mrs. Bhavana Raval



Ms. Arti Kabra



Ms. Parita Mangroliya



Ms. Khushbu Patel



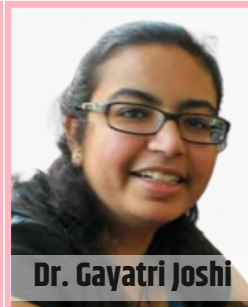
Ms. Foram Kundalia



Ms. Simran Dani



Ms. Minal Mane



Dr. Gayatri Joshi



Ms. Payel Ghosh



Dr. Rohini Nair



Ms. Shubhangi Jha

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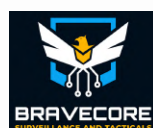
SAPPHIRE
BIOREMEDIATION

Agrinos
An American Vanguard Company



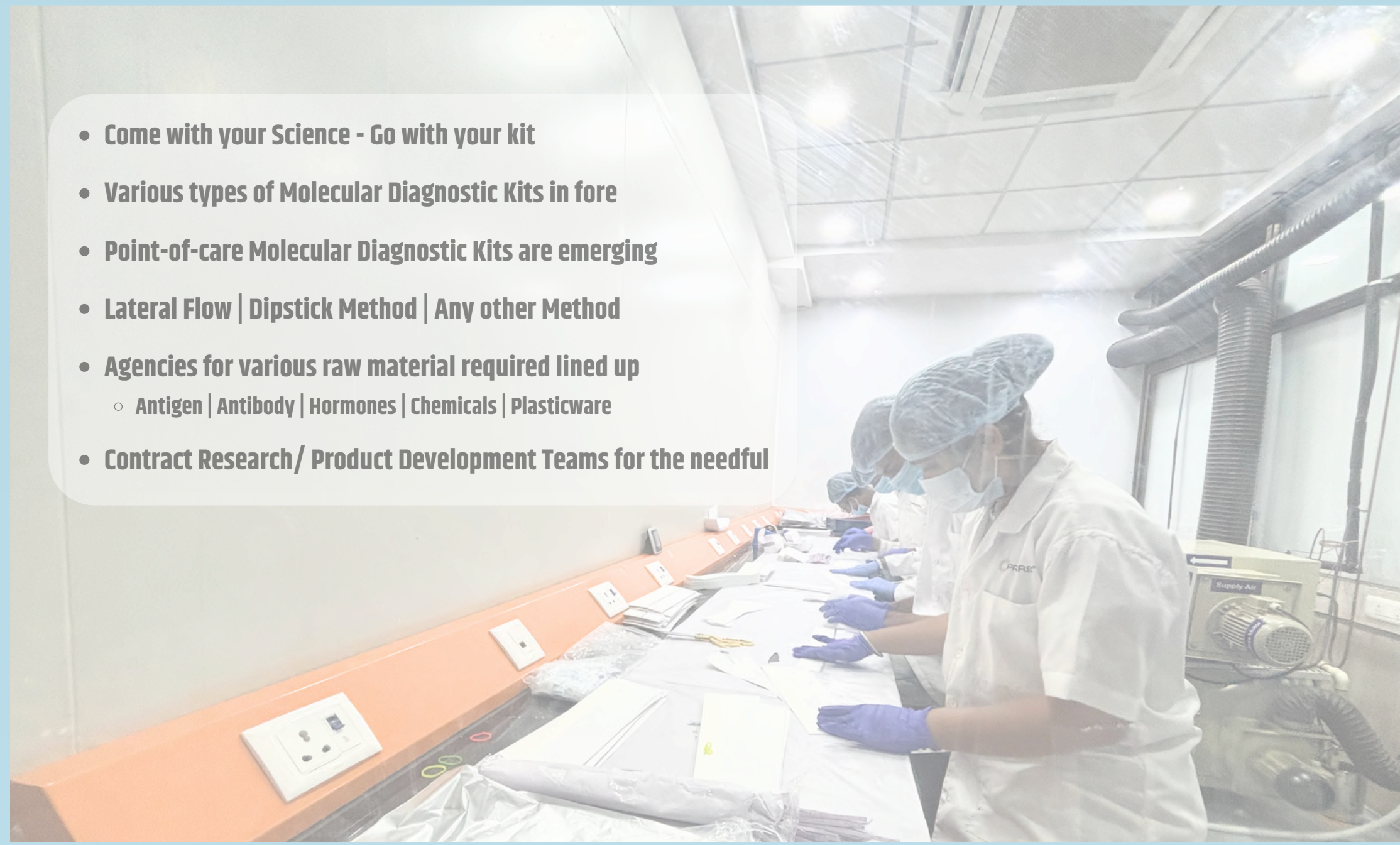
Agvac Innovations
Ecofriendly by nature

OUR INCUBATEES



Ecosystem Development for Molecular Diagnostics

- **Come with your Science - Go with your kit**
- **Various types of Molecular Diagnostic Kits in fore**
- **Point-of-care Molecular Diagnostic Kits are emerging**
- **Lateral Flow | Dipstick Method | Any other Method**
- **Agencies for various raw material required lined up**
 - **Antigen | Antibody | Hormones | Chemicals | Plasticware**
- **Contract Research/ Product Development Teams for the needful**



Team - STBI



- **Dr. A. N. Bhadalkar** | Director
- **Dr. Atish Ray** | Chief Technology Officer
- **Mr. Umang Gondaliya** | Manage (Facilities)
- **Mr. Bhuvan Vyas** | Assistant Manager (BD)
- **Dr. Ganshyam Prajapat** | Assistant Manager (Technol. Mgmt.)
- **Mr. Vasim A. Sarvadi** | Assistant Manager (Prototyping Facilities)
- **Mr. Mitesh R. Gandhi** | Project Coordinator

Supporting Staff

- Ms. Jenisha M. Dobariya
- Mr. Mirav Patel
- Mr. Jainik Chaudhary
- Ms. Krutika Joshi
- Mr. Manmohan Kumar Sah
- Ms. Mansi Parashar
- Ms. Bhavana Mahid
- Mr. Apurva Mandvekar

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- Dr. Ganshyam Prajapat
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Savli Technology & Business Incubator

Government of Gujarat

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