

# Life Sciences and Biotechnology





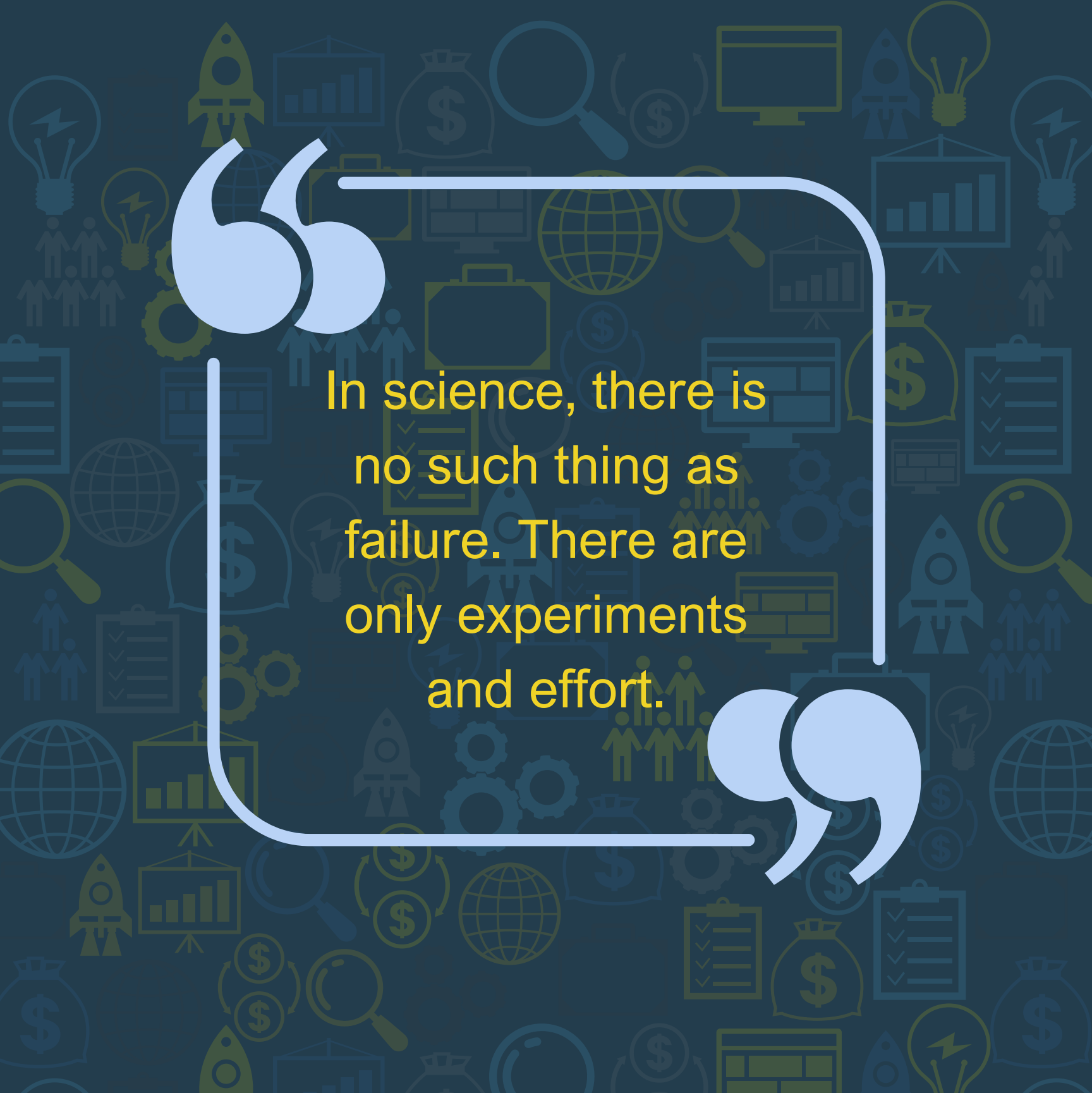




A portrait of Shri Narendra Modi, the Prime Minister of India, speaking at a wooden podium. He is wearing a white kurta, a blue Nehru jacket, and a traditional orange and yellow striped turban. The background is a dark blue field filled with various white icons representing business, technology, and development, such as lightbulbs, gears, bar charts, globes, and dollar signs. The text "SHRI NARENDRA MODI" is overlaid on the left side of the image in a bold, white, sans-serif font.

**SHRI NARENDRA MODI**

Hon'ble Prime Minister



In science, there is  
no such thing as  
failure. There are  
only experiments  
and effort.



# MESSAGE

**Dr. V K Paul**

Member, NITI Aayog



डॉ. विनोद कुमार पॉल  
सदस्य

Dr. Vinod K. Paul  
MEMBER



सत्यमेव जयते

भारत सरकार  
नीति आयोग, संसद मार्ग  
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2 September, 2024

#### Message

India, with its rich heritage in traditional medicine and a burgeoning scientific community, is poised to become a global powerhouse in Life Sciences and Biotechnology. The startups featured in this compendium give a glimpse of this transformative journey.

The life sciences and biotechnology sectors are rapidly transforming global industries, addressing challenges in this sector. Startups are at the forefront of this evolution, blending innovation with entrepreneurship, driving breakthroughs, and creating significant societal impacts that are reshaping the future of the Life Sciences and Biotechnology sector.

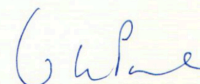
Over the last decade, India's Life Sciences and Biotechnology sector has seen remarkable growth, expanding from \$10 billion in 2014 to over \$130 billion in 2024, with projections to reach \$300 billion by 2030. Government initiatives like Make in India, Startup India and Atal Innovation Mission alongwith BIRAC (Biotechnology Industry Research Assistance Council), have accelerated innovation and commercialization. The recently announced Union Cabinet's decision on the ambitious BioE3 (Biotechnology for Economy, Employment, and Environment) Policy can potentially bring a transformative shift in India's biotechnology manufacturing sector.

In pursuit of cultivating a robust culture of innovation, startups, and entrepreneurship nationwide, the Government of India launched the Atal Innovation Mission (AIM). AIM is dedicated to nurturing innovation across various sectors of the economy, for which it has established 72 Atal Incubation Centers at universities, R&D institutions, and corporations. These centers offer vital resources such as technological facilities, growth funding, networking opportunities, co-working spaces, and comprehensive mentoring and advisory support to startups and early-stage enterprises.

I congratulate the AIM team on releasing its 6th coffee table book in the "Innovations for You" series to showcase the Life Sciences and Biotechnology sector startups. It gives me immense pleasure to know that AIM-supported incubators have nurtured numerous life sciences and biotechnology sector startups on the path to becoming successful companies.

I urge today's youth to engage their creative thinking and address society's everyday challenges and issues with innovative solutions. The Atal Incubation Centers (AICs) stand as valuable resources in this endeavor, offering a platform for transforming these groundbreaking ideas into viable, market-ready products. By harnessing the support, infrastructure, and expertise provided by the AICs, young innovators can refine their concepts, navigate the complexities of product development, and bring their visionary solutions to the forefront of the market.

As you explore the stories of these remarkable startups, I invite you to be inspired by their passion, creativity, and resilience. Their achievements are a testament to the boundless potential of India's Life Sciences and Biotechnology sector.

  
(Vinod Paul)



एक कदम स्वच्छता की ओर



# FOREWORD

**Dr. Chintan Vaishnav**

Mission Director, Atal Innovation  
Mission, NITI Aayog



In the past decade, the Indian startup and innovation ecosystem has experienced unprecedented growth, positioning India as a global leader in science and technology. India is at the forefront of a transformative era, being the 3rd largest producer of scientific research.

Atal Innovation Mission (AIM), since its inception, has played a crucial role in this evolution. Our mission to establish India as a global startup hub is reflected in the creation of 72 Atal Incubation Centers spread across the country. These incubators are more than just physical spaces; they provide essential support, including technological facilities, seed funding, networking opportunities, co-working spaces, lab access, and expert mentoring.

This compilation, a testament to the burgeoning Life Sciences and Biotechnology ecosystem nurtured by the AIM, showcases fifty exemplary startups. Within this vibrant sector, the publication delineates subcategories—Diagnostics, Therapeutics, Bioengineering, and Drug Discovery—providing a comprehensive overview. Intended to both guide and inspire upcoming startups, the book also underscores the pivotal role of AIM-supported incubators in fostering innovation and research within these domains. These incubators have significantly augmented India's capabilities in Life Sciences and Biotechnology, empowering emerging innovators and researchers.

I extend my heartfelt congratulations to all the innovators who are pushing boundaries and transforming the life sciences and biotechnology landscape. Your dedication and creativity are inspiring, and I hope this compilation serves as a beacon for other entrepreneurs and young minds across India to pursue disruptive and innovative solutions for a brighter tomorrow.













# CONTRIBUTORS





## **ATAL INNOVATION MISSION**

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# EXECUTIVE SUMMARY





India's life sciences and biotechnology sector have emerged as vibrant and innovative fields, driven by a new generation of entrepreneurs dedicated to advancing healthcare, agriculture, and environmental sustainability. This sector is characterized by its dynamic entrepreneurial spirit, combining traditional knowledge with cutting-edge technology to address some of the most pressing challenges in science and medicine.

The Atal Innovation Mission has played a pivotal role in nurturing startups dedicated to advancing solutions in Life Sciences and Biotechnology via its network of incubators across the country. By providing incubation, mentorship, and funding support, these incubators empower these startups to accelerate their innovations and make a significant impact on society.

The sixth edition of the 'Innovations for You' coffee table book highlights 50 pioneering entrepreneurs from across India who are driving change through their contributions in Life Sciences and Biotechnology. This compilation showcases startups that are developing groundbreaking solutions in Diagnostics, Drug Discovery, Bioengineering and Therapeutics.

The inspiring stories featured in this coffee table book exemplify the transformative potential of Life Sciences and Biotechnology, reflecting India's commitment to fostering inclusive growth and advancing sustainable development for a healthier and more equitable future.





***Atal Innovation Mission Team with Dr. Chintan Vaishnav, Mission Director, AIM, NITI Aayog***





## **ATAL INNOVATION MISSION**

Launched in 2016 under NITI Aayog, the Atal Innovation Mission (AIM) promotes innovation and entrepreneurship across India. AIM has engaged over 11 million students via 10,000 Atal Tinkering Labs and supported 4,000+ startups through 72 Atal Incubation Centres. It also connects over 5,000 mentors and drives community innovations through 14 Atal Community Innovation Centres, fostering a robust innovation ecosystem nationwide.

## **ATAL INCUBATION CENTRES**

AIM has established Atal Incubation Centres (AICs) at universities, institutions, and corporate entities to boost start-up growth. These centres offer essential resources like infrastructure, training, and access to investors and networks, along with mentoring and advisory support. AIM aims to create a nationwide innovation ecosystem, bringing together diverse start-ups and ensuring the development of world-class incubation facilities across the country.

## **ATAL COMMUNITY INNOVATION CENTRES**

Atal Community Innovation Centres (ACICs) focuses on supporting unserved and underserved areas by nurturing grassroots innovation. They bridge the gap between research and practical application, providing pre-incubation support for early-stage ideas. Emphasizing frugal innovation, ACICs use solution-driven design thinking and Public-Private Partnerships (PPP) to scale up impactful solutions and offer equitable opportunities to innovators in diverse regions across India.





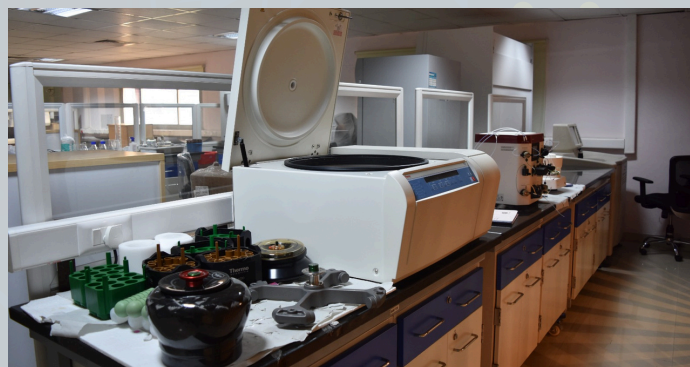
The background is a dark blue field filled with a dense, repeating pattern of various icons. These icons include business symbols like briefcases, magnifying glasses, dollar signs, and bar charts, as well as scientific symbols like chemical structures (labeled A, C, T, G), globes, and lightbulbs. The icons are rendered in shades of blue and yellow.

# INCUBATOR

## STORIES



*AIC-CCMB, CCMB Campus*



*State of the art lab facility at AIC CCMB*

# AIC-CCMB, HYDERABAD

The Centre for Cellular & Molecular Biology (CCMB) is a premier research institution, excelling in cutting-edge biology. CCMB focuses on conducting high-quality basic research and providing training in frontier areas of modern biology. It also promotes centralized national facilities for modern techniques, particularly in interdisciplinary biology. CCMB has been recognized as a Centre of Excellence by UNESCO's Global Network of Molecular and Cell Biology.

AIC-CCMB is an incubator focused on promoting entrepreneurship in life sciences and supporting startups in health, pharmaceuticals, and biotechnology. Established at CSIR-CCMB in 2017, AIC-CCMB has been actively working with its host institution to create a high-impact ecosystem for startups and MSMEs.

AIC-CCMB stood among “Top Performers” (Band 1) in AIM’s Assessment Framework for Startups Incubation Centres.

## IMPACT NUMBERS



150 + Startups incubated



45 IPs Granted



150+ Direct jobs created



200 cr + funding raised by incubatees



<https://aic.ccmb.res.in/>



<https://www.linkedin.com/company/atal-incubation-centre-ccmb/>

ATAL INCUBATION CENTRE  
CENTRE FOR CELLULAR  
& MOLECULAR BIOLOGY





*The C-CAMP Team*

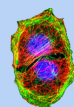


*An incubated startup working on prototype in  
C- CAMP Research Lab*

# C-CAMP, BENGALURU

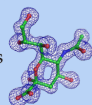
The Bio-incubator at C-CAMP is supported by BIRAC under the BioNest Scheme and AIM, NITI Aayog under its Established Incubation Centre (EIC) program. Since its inception in 2009, C-CAMP has been a driving force in life sciences research and innovation within the Bangalore Life Science Cluster (BLiSC).

The Bio-incubator at C-CAMP offers a "plug-and-play" model, providing fully equipped lab spaces, essential benchtop equipment, high-end facilities, and access to technology platforms, services, and clean rooms. This enables startups to quickly commence their research projects without significant upfront investments. In addition to laboratory space, startups have access to equipment rooms housing large standalone equipment and state-of-the-art biosafety facilities for BSL1 and BSL2 research. C-CAMP stood among "Top Performers" (Band 1) in AIM's Assessment Framework for Startups Incubators.



## C-CAMP

Centre for Cellular and Molecular Platforms



### IMPACT NUMBERS



470 Startups incubated



200+ IPs Filed



1500+ Direct jobs created



4000 cr + funding raised by incubatees



<https://www.ccamp.res.in/>



<https://www.linkedin.com/company/c-camp-india/>





*The AIC Jyothy Team*



*An incubated startup working on prototype in  
AIC Jyothy Research Lab*



*Jyothy Institute of Technology- Campus*

# AIC JYOTHY, BENGALURU

AIC – Jyothy Institute of technology Foundation (AIC-Jyothy) is an incubation center supported by AIM, NITI Aayog. It marks a new era in the field of scientific entrepreneurship enabling aspiring individuals, students and faculties to incubate and to build their start-up Ventures.

AIC-Jyothy leverages resources available within the campus such as access to laboratories, workshops, development, testing centre, computing resources and above all highly experienced and knowledgeable mentors and incubation team and connects startups with a network of professionals and investors. Focused on Life Sciences & Biotechnology, Materials, and Devices and Sensors, AIC-Jyothy also provides training in entrepreneurship and business skills. AIC-Jyothy stood among “Front Runners” (Band 2) in AIM’s Assessment Framework for Startups Incubation Centres.



**ATAL INCUBATION CENTRE**  
**JYOTHY INSTITUTE OF**  
**TECHNOLOGY FOUNDATION**

*(Supported by Atal Innovation Mission, NITI Aayog, Govt. of India)*

## IMPACT NUMBERS



82 Startups incubated



43 IPs Granted



402 Direct jobs created



35 cr + funding raised by incubatees



<https://www.aicjityf.org/>



<https://in.linkedin.com/in/aic-jityf>



*AIC Banasthali Vidyapith team with Dr Chintan Vaishnav*



*AIC Banasthali Vidyapith - Nurturing Women led startups in Science & Technology*



*An AIC Banasthali Vidyapith incubated startup pitching at a popular startup-based television show*



# AIC BANASTHALI, JAIPUR

Established in 2017 with support from Atal Innovation Mission and NITI Aayog, the Atal Incubation Centre (AIC) at Banasthali is India's first incubator dedicated to women-led startups. It creates a world-class ecosystem for women entrepreneurs by collaborating with ministries including MSME, Electronics & IT (MeitY), Science & Technology, and Commerce DPIIT, offering funding from idea to growth stages.

In seven years, AIC Banasthali has supported over 154 women-led startups, with 83 raising more than Rs. 1422 million and generating over 2000 jobs. It has also aided 130 micro women entrepreneurs with support from the US Embassy, New Delhi.

AIC-Banasthali Vidyapith stood among "Top Performers" (Band 1) in AIM's Assessment Framework for Startups Incubation Centres.

## IMPACT NUMBERS



154 Startups incubated



63 IPs Granted



1270 Direct jobs created



142.2 cr funding raised by incubatees



<https://aicbanasthali.org/>



<https://in.linkedin.com/company/aicbanasthali>



**ATAL INCUBATION CENTRE**  
**BANASTHALI VIDYAPITH**  
*Supported by Atal Innovation Mission, NITI Aayog*





*AIC IISER SEED Foundation Team with student innovators*



*CH An incubated startup demonstrating their product in IISER Pune Campus*



*Wet Lab at AIC IISER Pune SEED Foundation*

# AIC IISER PUNE SEED FOUNDATION

AIC-IISER Pune SEED Foundation (AIC-SEED), hosted by IISER Pune, supports deep science-based startups and promotes entrepreneurship within an academic setting. It offers R&D resources, biotechnology and chemistry labs, prototyping facilities, office spaces, and business advisory services. Focus areas include biotechnology, health-tech, med-tech, agri-tech, clean-tech, energy, advanced materials, and the environment.

AIC-SEED also provides funding through the Startup India Seed Fund scheme and corporate CSR initiatives. Its flagship programs include Plan-E for spinning off Ph.D. research into startups, INVENT for Science and Technology Entrepreneurship education, and StEP, the Student Entrepreneur-in-Residence Program. AIC-IISER Pune SEED Foundation stood among “Emerging Incubators” (Band 3) in AIM’s Assessment Framework for Startups Incubation Centres.



## IMPACT NUMBERS



37 Startups incubated



18 IPs Filed



164 Direct jobs created



33 cr funding raised by incubatees



<https://seedforstartup.in/>



<https://in.linkedin.com/company/aic-seed>





*AIC LMCP Foundation Team*



*LMCP Campus*



*An incubated startup working on prototype in AIC LMCP Research Lab*

# AIC LMCP, AHMEDABAD

AIC-LMCP Foundation, hosted by L. M. College of Pharmacy and supported by Atal Innovation Mission and NITI Aayog, is a non-profit incubator focused on Pharmaceuticals and Healthcare. It helps students, researchers, and startups turn innovative ideas into successful enterprises, specializing in drug delivery systems, medical devices, and healthcare solutions.

The 12,000 sq ft facility features modern labs, office spaces, and conference rooms. Startups benefit from extensive support including mentoring, access to scientific resources, and opportunities for networking. AIC-LMCP fosters collaboration with academic and corporate partners and offers guidance on business strategy, intellectual property, and regulatory issues. AIC-LMCP stood among “Emerging Incubators” (Band 3) in AIM’s Assessment Framework for Startups Incubation Centres.



## IMPACT NUMBERS



54 Startups incubated



16 IPs Filed/Granted



260+ Direct jobs created



26.3 cr funding raised by incubatees



<https://www.aiclmc.org/>



<https://www.linkedin.com/company/aiclmc/?originalSubdomain=in>



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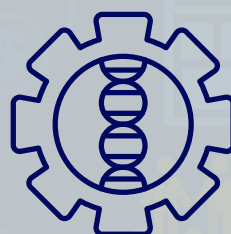
# STARTUPS



## Sub themes under Life Sciences and Biotechnology



**Diagnostics**



**Bioengineering**



**Therapeutics**



**Drug Discovery**



# Apothecary Medical Services LLP

**INCUBATED AT**  
AIC - ISB ASSOCIATION

**FOUNDER/CO-FOUNDER**  
DR. NADEEM SHA HAMZATH

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
SERVICE

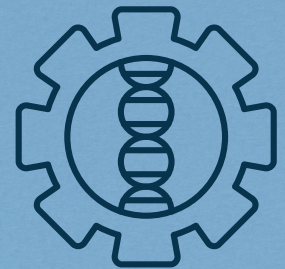
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
KERALA



## STARTUP DESCRIPTION

Apothecary Medical Services LLP enhances emergency and healthcare services in underserved areas with innovative remote assistance technology. Their A-POC Lite software offers multidisciplinary specialist care via SMS and email, featuring live tracking, camera access, and screen sharing for better communication between responders and specialists. The Smart Emergency (A-POC Cart) integrates digital diagnostic devices and AI cameras for teleconsultation support in emergencies, while the Smart Ambulance (A-POC 5G Kit) ensures continuous specialist support during patient transport. The APOC Smart Eyewear provides real-time feedback for EMTs and junior doctors, and Smart Clinics with A-POC (A-POC OPD) enable virtual consultations for accurate diagnosis and treatment in remote areas. The Smart Rounds Console (A-POC Cart) supports tele-ICU and ward IP treatment in peripheral centers. These technologies aim to reduce pre-hospital deaths, improve patient care, and expand healthcare access, contributing to hospital revenue growth and positively impacting the nation's GDP.



## INDIA'S FIRST 5G ASSISTED REALITY SMART AMBULANCE



### ABOUT THE FOUNDER/CO-FOUNDER

Dr. Nadeem Sha Hamzath, an accomplished Founder and CEO, has a rich background in healthcare, emergency medicine, and research. He began as an Emergency Medicine Resident with the Royal College of Emergency Medicine Physicians, gaining expertise in critical care. He then served as Administrator and Nodal Officer at Palace Hospital Potta, managing hospital operations, and as Control Room Head at Government Medical College Ernakulam, overseeing medical resources and emergencies. Dr. Hamzath also completed a General Surgery residency at the same institution, honing his patient care skills. Earlier, he worked as a Medical Officer for the Rajagiri Outreach Program, focusing on communicable disease prevention and control.

### POTENTIAL APPLICATION

Apothecary aims to reduce road crash fatalities and pre-hospital deaths in both rural and urban areas, thereby increasing the nation's GDP, hospital revenue, and patient care.

### MAJOR ACHIEVEMENTS

Launched India's First Assisted Reality Ambulance, Emergency Dispatch System, and Smart Emergency System.



<https://www.theapothecary.co.in/>



<https://www.linkedin.com/company/apothecary-medical-services/>





# Nex Fitzap Pvt. Ltd. (Logy.ai)

**INCUBATED AT**  
AIC - ISB ASSOCIATION

**FOUNDER/CO-FOUNDER**  
PRIYANJIT GHOSH

**INNOVATION FOCUS**  
DIAGNOSTICS

**TYPE**  
SERVICE

**STAGE**  
COMMERCIALIZED

**STATE/UT**  
WEST BENGAL



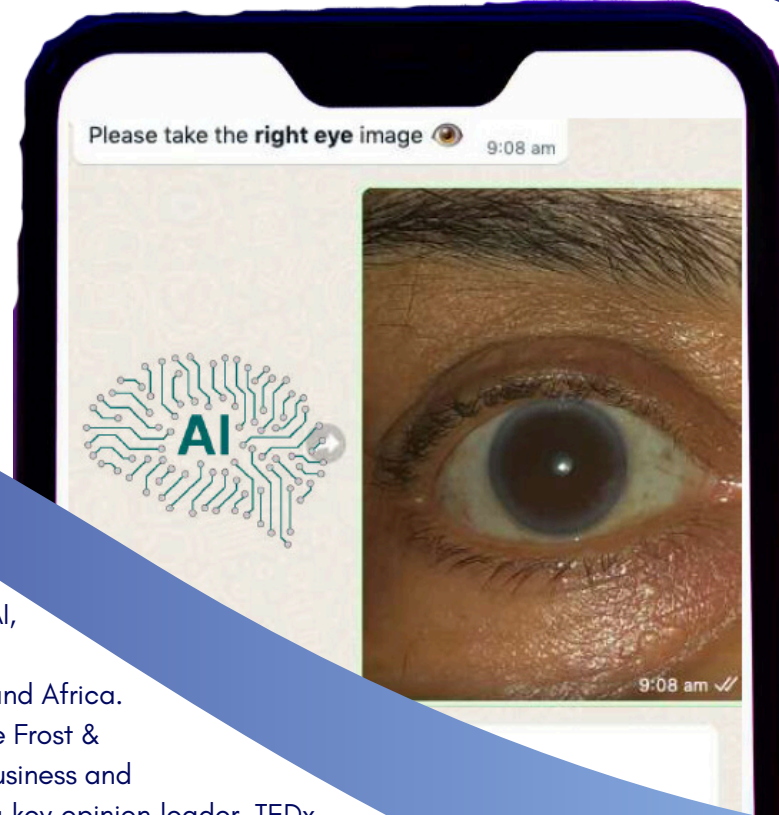
## STARTUP DESCRIPTION

Logy.AI has developed an AI-ML-based health screening solution that captures eye images using any smartphone to provide an immediate AI-based report indicating the presence of cataract disease. This information is shared with hospital facilities to facilitate necessary surgical planning for the patient, offering an easy-to-use, AI-based digital solution for front-line health workers and end-users at home.

Additionally, Logy.AI's WhatsApp-based chatbot addresses oral health-related issues by analyzing user-submitted images and providing solutions. This tool allows patients to consult dental counselors and book appointments conveniently. By leveraging AI, Logy.AI has democratized early oral health screening, making it accessible anytime, anywhere, without the need for a trained practitioner. The care platform integrates dentists with end-users, promoting integrated and continuous care while recommending personalized oral care products based on individual conditions.







## ABOUT THE FOUNDER/CO-FOUNDER

Priyanjit founded Logy.AI from his IIM college dorm room with friends in 2019 to improve healthcare access through technology. Logy.AI, an AI-based digital health platform, uses Generative AI for early health screening and care coordination, impacting over 500,000 lives in India and Africa. The platform has received the Nasscom AI Gamechanger Award and the Frost & Sullivan Best Practice Award. As Co-founder and CEO, Priyanjit leads business and strategy, holds a PGDM degree from IIM Raipur, and is recognized as a key opinion leader, TEDx speaker, and award winner. He also serves as a visiting faculty member in digital transformation and digital health at various prestigious MBA schools.

## POTENTIAL APPLICATION

- Home-based and community-based screening through smartphones
- Product and service recommendations
- Appointment booking
- Care coordination and therapeutics

## MAJOR ACHIEVEMENTS

India Patent application numbered 202031055286 of the invention titled "SYSTEM FOR ORAL SCREENING AND ANNOTATING DENTAL IMAGES USING MACHINE LEARNING"



<https://logy.ai/>



<https://www.linkedin.com/company/logy-ai/>



# Genetico Research & Diagnostics Pvt. Ltd.

## INCUBATED AT

AIC - AMITY INNOVATION INCUBATOR

## FOUNDER/CO-FOUNDER

ARJUN GUPTA AND SAURABH VERMA

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

SERVICE

## STAGE

EARLY REVENUE

## STATE/UT

JAMMU & KASHMIR



## STARTUP DESCRIPTION

Genetico addresses the challenges faced by the 350 million people globally affected by rare diseases, including 70-90 million in India, where diagnosis often takes 5-7 years. Founded in 2019, Genetico developed Asia's first Clinical Genetics Software, featuring modules that automate clinical workflows and a Clinical Decision Support System to diagnose complex genetic disorders. This software streamlines workflows, suggests suspected diseases based on clinical profiles, and generates data-driven differential diagnoses. Genetico also develops tools for care management, treatment protocols, and surveillance to enhance patient outcomes and foster research. Supported by the BIG grant from BIRAC and backed by technology incubators like Amity Innovation Incubator, NASSCOM, and IIT Mandi, Genetico has received numerous awards and is part of the India Sweden Healthcare Innovation Program. Genetico's clientele includes super-specialty tertiary care hospitals, diagnostic labs, clinics, and autism centers, with customers such as mFine Diagnostics, Manovikas Kendra, and the Board of Genetic Counseling in India.







# GENETICO

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## ABOUT THE FOUNDER/CO-FOUNDER

Genetico's leadership team has diverse expertise. Founder Arjun Gupta holds a Master's in Entrepreneurship and has a biotechnology engineering background. He has worked with a \$100M US venture capital fund, co-founded a vaccine technology startup, and has experience in AI-driven genomics and multi-omics analysis. Co-founder Saurabh Verma brings over 12 years of software development experience, managing projects in various areas like media digitization, security systems, e-commerce platforms, and manufacturing automation.

## POTENTIAL APPLICATION

- **Faster Diagnoses and Improved Care:** Enables quicker, more accurate diagnoses, reducing complications and enhancing patient care.
- **Efficiency and Research Advancement:** Boosts efficiency, cuts costs, increases hospital revenue, and drives advanced research through better collaboration and analytics.

## MAJOR ACHIEVEMENTS

Genetico, achieved recognition and support through various awards and grants, including from organizations like AstraZeneca and ICMR. Notable achievements include winning grants and investments, being selected for programs like the India-Sweden Healthcare Innovation Program, and being featured in the Orphanet Journal of Rare Diseases.



<https://genetico.in/>



<https://www.linkedin.com/company/genetico-in>



# Marche Healthcare Pvt. Ltd.

## **INCUBATED AT**

AIC - PONDICHERRY ENGINEERING COLLEGE FOUNDATION

## **FOUNDER/CO-FOUNDER**

DR. MARIRAJ AND DR. MUTHUKUMAR

## **INNOVATION FOCUS**

BIOENGINEERING

## **TYPE**

PRODUCT & SERVICE

## **STAGE**

PROTOTYPE

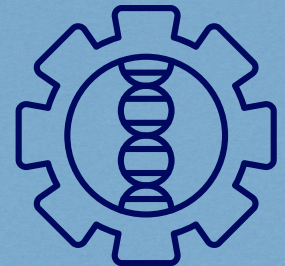
## **STATE/UT**

TAMIL NADU



## **STARTUP DESCRIPTION**

Marche Healthcare Private Limited is a startup committed to advancing healthcare through innovative medical devices. Its mission is to promote health equality by developing solutions that are both accessible and effective, enhancing patient outcomes and improving healthcare delivery efficiency. Marche Healthcare aims to address gaps in healthcare accessibility, striving to become a global leader in medical technology. By revolutionizing healthcare through cutting-edge innovations, the company seeks to make its solutions available to diverse populations, ultimately advancing health equality worldwide and improving the quality of life for all.







## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Mariraj Mariappan, MBBS, MS, is a Senior Resident at JIPMER and an innovator leading the development of a BIRAC-funded laparoscopic tool. With degrees from Tirunelveli Government Medical College and BJ Medical College, and a Business Accelerator Program from IIM Jammu, he combines clinical expertise with business acumen in his startup efforts. Dr. Muthukumar, Co-founder of Marche Healthcare, holds an M.Tech from IIT Kanpur, a Ph.D. from IISc Bangalore, and conducted postdoctoral research at the University of Tokyo. His work focuses on advancing healthcare through technological innovations, addressing critical needs in the medical field.

## POTENTIAL APPLICATION

Minimal invasive surgery

## MAJOR ACHIEVEMENTS

BIRAC BIG 23 Awardee.



<http://www.marchehealthcare.org/>



<https://www.linkedin.com/company/marche-healthcare/>



# Fontierz Pvt. Ltd.

## **INCUBATED AT**

AIC - SHIV NADAR RESEARCH FOUNDATION

## **FOUNDER/CO-FOUNDER**

ANIL ALEX

## **INNOVATION FOCUS**

BIOENGINEERING

## **TYPE**

PRODUCT

## **STAGE**

COMMERCIALIZED

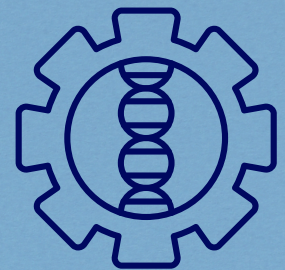
## **STATE/UT**

MAHARASHTRA



## **STARTUP DESCRIPTION**

Fontierz is revolutionizing the medical device industry in India by designing and manufacturing essential medical equipment locally. The startup addresses the challenge of high costs associated with imported devices, which include substantial initial investments and costly upkeep, making them often inaccessible to smaller hospitals and clinics in tier 2 and 3 cities. Fontierz offers a range of products, including Spine Drills, Arthroscopic Shavers, Rotational Atherectomy Devices, Medical Electronics, Motion Controllers for Robotic Laparoscopic Handtools, Neuro Drills, and sterilizable miniature motion solutions. Their service model, "Pay per Surgery," aims to make these devices affordable and accessible, while Fontierz manages the complete lifecycle, including upgrades, skill development, servicing, repairs, and preventive maintenance. This approach enables healthcare providers to focus on patient care rather than device management, improving access and affordability of medical services in underserved regions.



# Fontierz



## ABOUT THE FOUNDER/CO-FOUNDER

Anil Alex, the founder of Fontierz, holds a Master's in Global Enterprise Management from top institutions. With over 22 years of experience spanning manufacturing, engineering, and consulting, he has demonstrated a strong ability to scale and transform business verticals. His expertise lies in driving operational excellence, optimizing processes, and leading organizational turnarounds. Anil's career highlights include successfully managing large teams and delivering sustainable growth across various industries, making him a versatile leader with a proven track record in business transformation.

## POTENTIAL APPLICATION

Improved patient outcomes and affordability to surgical procedures to the common man. Adjacencies in industrial applications that improv and enhance the overall life of humans.

## MAJOR ACHIEVEMENTS

Stood first in the Maharashtra startup competition conducted by ESC and STPI in 2022. Got selected for nationals



<http://www.fontierz.com>



<https://www.linkedin.com/company/fontierz/>





# Zaivic Tech Wellness Solutions Pvt. Ltd.

**INCUBATED AT**  
AIC - ALEAP WE HUB

**FOUNDER/CO-FOUNDER**  
NANDITA SHARMA

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT & SERVICE

**STAGE**  
COMMERCIALIZED

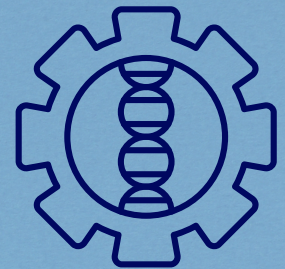
**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Ame Organic, under Zaivic Tech Wellness Solutions Pvt Ltd, is revolutionizing wellness with neurocosmetic solutions that reverse cellular aging. By merging Ayurvedic wisdom with biotechnology, they enhance skin health and overall well-being. Their flagship product, the Age Reverse Rituals serum, fortifies the skin's protective layer and calms emotions, addressing skin gland dysfunction and barrier degradation with natural amino acids, antioxidants, and vitamins.

Ame Organic stands out through its AI-driven personalized care, tailoring treatments to individual needs for optimal effectiveness. Available on major e-commerce platforms like Amazon, Flipkart, and JioMart, Ame Organic is set to lead the global wellness industry. Their innovative approach combines traditional Ayurvedic practices with modern science, offering natural, ethical, and non-invasive solutions that promote youthfulness and health.





## ABOUT THE FOUNDER/CO-FOUNDER

Nandita Sharma, founder of Amé Organic, started her entrepreneurial journey at 14 with "Beauty Plus," focusing on homemade organic skincare. She later introduced 'The Beauty Zone,' earning awards for her holistic well-being approach. Amid challenges, she launched Zaivic, an IoT-driven mindfulness solution, and pivoted during the pandemic to create Amé Organic, blending natural beauty with mental wellness. Amé was recognized as one of the "Most Innovative Start-ups" at the Shikhar G20 2023 Summit. Nandita received awards like "Business Leader in Tech Wellness" by Business Mint Nationwide 50 under 50.

## POTENTIAL APPLICATION

The innovation by Ame Organic in neurocosmetics holds immense promise. By combining Ayurvedic wisdom with cutting-edge biotechnology, their products address skin health and emotional well-being. Imagine a future where stress-induced aging is mitigated, and individuals experience holistic vitality. Ame Organic's impact transcends skincare—it's a path toward lasting health and happiness.

## MAJOR ACHIEVEMENTS

- Awarded "New Product Launch of the Year" at IREC Awards 2024 by Indian Retailer.
- Awarded "Most Trusted Skin Health" in Healthcare Tycoon Awards| 23-24
- Nominated for category "Health & Wellness" for "BW Disrupt 7th Edition Women Entrepreneur Intrapreneur Summit & Awards"

 <https://ameorganic.com>

 [www.instagram.com/ame.organic](https://www.instagram.com/ame.organic)





# Azooka Labs Pvt. Ltd.

**INCUBATED AT**  
FSID, IISc BANGALORE

**FOUNDER/CO-FOUNDER**  
DR. FATHIMA BENAZIR AND ALEX D. PAUL

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT

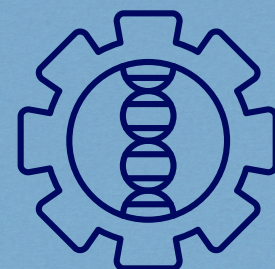
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Azooka Labs is a pioneer in genomics transport, offering comprehensive solutions throughout the entire genomics workflow, from sample collection to DNA/RNA detection. The company has developed an innovative molecular transport medium that preserves DNA/RNA integrity for up to 90 days at ambient temperature, ensuring the safe storage and transport of samples for applications such as infectious diseases, microbiome profiling, and veterinary and wildlife studies. Their nucleic acid isolation kits enable swift and reliable extraction, facilitating precise analysis. Additionally, Azooka's eco-friendly, food-grade safe eco-fluors provide exceptional sensitivity in labeling and detecting nucleic acids, eliminating biohazard risks and setting them apart from competitors.







## ABOUT THE FOUNDER/CO-FOUNDER

Alex D. Paul, CEO and co-founder of Azooka, excels in product management, marketing, and platform strategy. Previously at ManageEngine, he served as Director of Product Management and Worldwide Marketing. At Azooka, Alex bridges biology and technology, fostering a self-driven team culture with his enthusiasm and leadership. J Fathima Benazir, Co-founder and Chief Science Officer of Azooka Labs, holds a Post Doctorate from the Indian Institute of Science. She leads R&D, developing innovative products like 'tinto rang' and the Molecular Transport Medium series. Under her guidance, Azooka Labs won the Technology Development Board Award in 2022. Dr. Benazir's passion for science drives her to create real-life solutions.

## POTENTIAL APPLICATION

For 46 years, molecular biology has relied on toxic fluorophores posing environmental and safety risks. Azooka's eco-fluors eliminate pollution from traditional dyes, enhancing safety and sustainability. They develop safe, efficient stains and diagnostic tools, providing affordable genomics products. As APAC's only genomics consumables manufacturer in India, they ensure global accessibility.

## MAJOR ACHIEVEMENTS

Their top achievements include being named one of IIGP's Top 10 Startups in India for Social Impact in 2017, securing the BIG Grant from BIRAC in 2019, and winning the National Startup Award in 2020. In 2022, they received the Technology Startup Award for our indigenous technology. Most recently, in 2024, Dr. Fathima Benazir was honored as Women Entrepreneur of the Year at the Golden Jubilee Biotech awards.



<https://www.azooka.life/>



<https://www.linkedin.com/company/azookalife>



# Helo Health (Adarsa Pvt. Ltd.)

## INCUBATED AT

AIC - SHIV NADAR RESEARCH FOUNDATION

## FOUNDER/CO-FOUNDER

SANDEEP BHATIA AND ADITYA BHATIA

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT & SERVICE

## STAGE

COMMERCIALIZED

## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

Helo Health, driven by the vision of 'Diagnostics for All,' is revolutionizing healthcare in rural Bharat. With only 25,000 labs serving a population of 90 crore across 6 lakh villages, the scarcity of diagnostic facilities forces doctors to prescribe general medications without test results, leading to complications. Villagers often travel multiple times to towns for tests and reports, causing delays, high travel expenses, and lost wages. Our innovative multi-parametric medical device provides instant, accurate results for over 51 parameters, including vitals, common blood and urine tests, specialized tests, and markers. This technology reduces diagnostic costs by more than 50% and processing times by over 90%. We partner with local physicians to set up Points of Care (POCs) in villages, offering them finance, training, and essential skills to manage profitable, dignified businesses. Our aim is to create a global impact by making essential diagnostics accessible and affordable.





HELO HEALTH



## ABOUT THE FOUNDER/CO-FOUNDER

Sandeep Bhatia, as Founder and Director, has led the organization to win multiple awards, reflecting our dedication to social impact and the health upliftment of rural Bharat. Our innovations in point-of-care solutions have not only created employment opportunities but are also crucial in shaping a healthier society with a global perspective. Sandeep, an engineer, has previously worked with brands like Canon, Forbes, and Philips. Aditya Bhatia, co-founder and engineer, has over 3 years of experience working with startups such as Dunzo and Meesho, focusing on strategic initiatives for business excellence. Aditya graduated from BITS Pilani in 2021.

## POTENTIAL APPLICATION

They provide access to diagnostic facilities, improve the health of citizens, and act as a catalyst for increasing doctors' earnings and generating employment..

## MAJOR ACHIEVEMENTS

The startup has garnered significant recognition, including being named a Top 100 Leap to Unicorn Season 2 by IDFC First Bank in 2024 and winning the Patient Centric Diagnostics Company of the Year at the Diagnostics Innovation and Excellence Awards. It was also selected for the BIRAC x Alkemi Top 10 Startup Mentorship Program and emerged as the winner of the Amrit Grand Challenge - जनCARE. Other accolades include being a Top 30 finalist at the Aarohan Social Innovation Awards, a finalist for the Innovative Diagnostics Solution at the 13th Aegis Graham Bell Awards, receiving the ANIC 2.0 Award in Diagnostics, and winning the Best Exhibition Award at the Impact 2.0 Conclave.



<http://www.helohealth.in/>



<https://www.linkedin.com/company/helohealth2021>





# Materials Magica LLP

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

DR. KANCHAN MONE AND DR. SATISHCHANDRA OGALE

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT

## STAGE

IN PIPELINE

## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

Materials Magica is a pioneering company at the forefront of air analysis and purification, founded by distinguished scientists and a team of talented engineers. Their mission is to push the boundaries of technology through extensive research in nanomaterials and carbon-based materials. Currently, they are advancing the field with their latest innovation, a breath sensor biomarker that represents a significant leap in healthcare diagnostics. This groundbreaking technology analyzes biomarkers in exhaled breath, offering non-invasive, rapid, and accurate insights into various health conditions. Driven by a commitment to excellence, Materials Magica continuously innovates and develops products that not only improve air quality but also enhance the understanding of human health. By integrating scientific expertise with engineering ingenuity, they are creating solutions that make a meaningful impact on both environmental and health fronts, leading the charge in transforming healthcare and environmental stewardship.





## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Kanchan Mone, with a Ph.D. in polymer chemistry, has over 10 years of experience in synthetic and polymer chemistry, focusing on R&D and innovations in materials science. Professor Satishchandra Ogale is an Emeritus Professor at IISER Pune and Director of the Research Institute for Sustainable Energy (RISE) at TCG-CREST, Kolkata. Renowned for his leadership in sustainable energy research, he was listed as a top 2% most influential scientist in 2022 by Stanford University.

## POTENTIAL APPLICATION

Materials Magica's breath biomarker for CKD promises to transform healthcare by offering a non-invasive, rapid, and precise method for monitoring disease progression. This innovation could lead to earlier detection, better management, and improved outcomes for CKD patients, enhancing quality of life and reducing healthcare costs.

## MAJOR ACHIEVEMENTS

Materials Magica has received grant of Rs 20 lakhs under Startup India Seed Fund scheme



[www.materialsmagica.com](http://www.materialsmagica.com)



<https://www.linkedin.com/company/materials-magica-llp>





# Promagicell Lifetech OPC Pvt. Ltd.

## INCUBATED AT

AIC - CCRI CED (COFFEE BOARD)

## FOUNDER/CO-FOUNDER

MALLIKARJUNA B G

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

## STATE/UT

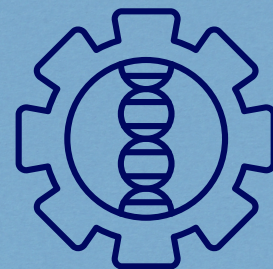
KARNATAKA



## STARTUP DESCRIPTION

Promagicell Lifetech Private Limited is a highly innovative agri-tech and biotechnological startup company based in Chikmagalur, Karnataka. It is recognized by the Govt of India's Startup India, with a motto of 'giving back to nature'. The company is providing cutting-edge technologies, biotechnology-based products, and solutions in the field of agriculture, horticulture, and food processing.

The company offers microbial products for coffee-processed wastewater (effluent produced during wet processing of coffee) management and coffee pulp composting microbial products. They provide the microbial biotechnological solution in the form of a product, Co-Bioclear, to treat coffee effluent wastewater and Co-Biolizer to accelerate the decomposition of coffee peel waste.







## ABOUT THE FOUNDER/CO-FOUNDER

Mallikarjuna BG, based in Bengaluru, KA, IN, is currently a CEO and Scientist at Promagicell Lifetech Private Limited, bringing experience from previous roles at Central Food Technological Research Institute, Cheluvambe Mansion, Mysore., Thermo Fisher Scientific, ITC Limited and Centre For Human Genetics. Mallikarjuna BG holds a 2013 - 2018 Doctor of Philosophy - PhD (Persuing) in Biochemistry @ University of Mysore. With a robust skill set that includes Research, Microsoft Office, Biotechnology, Molecular Biology, Cell Culture and more, Mallikarjuna BG contributes valuable insights to the industry.

## POTENTIAL APPLICATION

To treat coffee effluent wastewater and Co-Biolizer to accelerate decomposition of coffee peel waste.

## MAJOR ACHIEVEMENTS

Received Grant-in-aid support under RKVY-RAFTAAR Scheme from Ministry of Agriculture & Farmers Welfare, Govt. of India

 <https://promagicell.com/>

 <https://www.facebook.com/PromagicellLtd/>



# BabyCue Pvt. Ltd.

## INCUBATED AT

AIC - BANASTHALI VIDYAPITH FOUNDATION

## FOUNDER/CO-FOUNDER

SWEETY KAUR, MANISH KUMAR SWAIN AND ITISHREE JALI

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT

## STAGE

PRE-REVENUE

## STATE/UT

ODISHA



## STARTUP DESCRIPTION

Babycue Private Limited, founded in 2021, is pioneering a healthcare solution with its development of a disposable point-of-care microfluidic-paper analytical device ( $\mu$ -PAD). This innovative platform utilizes a lateral flow assay (LFA) approach for the early diagnosis of childhood diarrhea ( $\leq 5$  years), specifically distinguishing between bacterial and viral infections based on targeted biomarkers. The  $\mu$ -PAD is designed to enhance clinical decision-making, streamline resource allocation, and mitigate the risks associated with improper medication usage. By providing a cost-effective and accurate diagnostic tool, Babycue aims to improve patient outcomes and operational efficiency in managing diarrheal diseases in young children.





## ABOUT THE FOUNDER/CO-FOUNDER

Ms. Sweety Kaur, Head of Research & Development at Babycue, holds an M.Sc. in Microbiology and has eight research publications. Her expertise in microbiology is crucial for advancing the company's R&D efforts. Mr. Manish Kumar Swain, CEO of Babycue, has a strong background in pharmaceutical sciences and experience as a SIIP (Sparsh) Fellow at Yenepoya TBI. His leadership guides the company toward innovative healthcare solutions. Ms. Itishree Jali, Head of Product Development, holds a Ph.D. in Biotechnology and is a CSIR-SRF Fellow. Her expertise ensures the creation and enhancement of Babycue's diagnostic platforms, maintaining high standards of effectiveness and reliability.

## POTENTIAL APPLICATION

The  $\mu$ PAD-based detection kit enables rapid, early diagnosis of bacterial diarrhea in infants with results in 5–7 minutes. It's ideal for clinics and labs, eliminating the need for costly, complex equipment and lengthy report times. This kit benefits rural and low-resource settings in India, allowing health workers to quickly administer appropriate treatments.

## MAJOR ACHIEVEMENTS

The team achieved notable success with several accolades: they won the pitch competition at Innovators Connect – Tandem and secured 1st prize worth Rs 1 Lakh in the Social Venture Challenge by TISS. They also received a certificate of appreciation from Startup Odisha for financial assistance under the 2023–24 scheme. Additionally, they attended the Technical Indo-German Start-up Camp 2024, organized by Technical University (TU), Braunschweig, Germany.

 <https://babycue.in/>

 <https://www.linkedin.com/company/babycue-pvt-ltd/>





# Exsure Pvt. Ltd.

## INCUBATED AT

AIC - NALANDA INSTITUTE OF TECHNOLOGY FOUNDATION

## FOUNDER/CO-FOUNDER

ABHISHEK DUTTA AND SWASTIKA PAUL

## INNOVATION FOCUS

BIOENGINEERING AND THERAPEUTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

COMMERCIALIZED

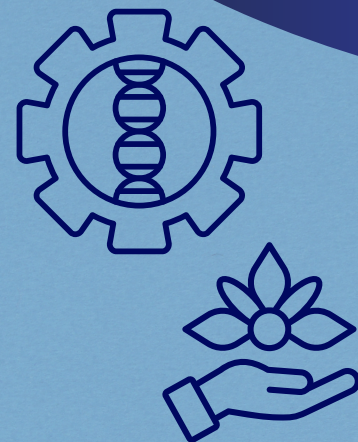
## STATE/UT

ODISHA



## STARTUP DESCRIPTION

Exsure, founded in 2021, is a biotech startup specializing in innovative cancer treatments. Our flagship product, ExoDS, is a patented, bioengineered exosome-based drug delivery system targeting tumor and cancer stem cells, designed to reduce chemotherapy toxicity by 70% and enhance effectiveness by 22%. It is currently in the pre-clinical stage. Exsure is also committed to advancing research in India with products like Exosure, an exosome isolation reagent, and Leucosure, a PBMC isolation reagent, to lessen reliance on imported materials. Supported by the Startup India Seed Support grant and AIC-Nalanda, we are developing Dendrosure, a dendritic cell culture media, and offer research support via our outsourcing platform. With backing from the Government of India and the Department of Biotechnology, Exsure aims to foster a self-reliant biotech sector and elevate India's research capabilities, promoting Atmanirbhar Bharat (self-reliant India) through high-quality products and exceptional support.





## ABOUT THE FOUNDER/CO-FOUNDER

Abhishek Dutta, Co-Founder & CEO of Exsure, specializes in exosomes and their role in tumor development, leading to the creation of unique exosome isolation kits. Swastika Paul, Co-Founder & CSO, has over 8 years in cancer stem cell biology, crucial for developing Dendrosure dendritic cell culture media. Under their leadership, Exsure has launched Exosure and Leucosure and is developing additional research products. Their expertise and dedication are key to establishing Exsure as a leading biotech startup.

## POTENTIAL APPLICATION

They have launched 2 research products that helps in isolation of exosomes and PBMC. These products are used in research laboratories and startups working with exosomes and immune cells. Their product ExoDS is an exosomes based anti-cancer drug delivery platform that can specifically kill tumor cells and relapse causing cancer stem cells. ExoDS can improve patient overall survival and quality of life of the cancer patients.

## MAJOR ACHIEVEMENTS

Mentioned in IDFC Bank's "Leap to Unicorn" Top 100 and received HDFC Parivartan Fund





# Dfine Bio Innovation Pvt. Ltd.

**INCUBATED AT**

AIC - JYOTHY INSTITUTE OF TECHNOLOGY FOUNDATION

**FOUNDER/CO-FOUNDER**

AFSER SHARIFF

**INNOVATION FOCUS**

BIOENGINEERING

**TYPE**

PRODUCT AND SERVICE

**STAGE**

EARLY-REVENUE

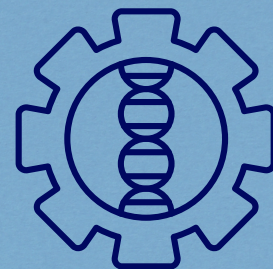
**STATE/UT**

KARNATAKA



## STARTUP DESCRIPTION

Dfine Bio Innovation Pvt Ltd, established in December 2020 and based in Bangalore, is an ISO 13485:2016 and ZED certified MedTech startup. The company's mission is to transform diagnostics for small to mid-sized labs in India by creating cost-effective, indigenous coagulation analyzers. Dfine Bio addresses the critical issue of India's reliance on imported medical devices, which make up over 80% of the market and lead to high costs for rural and smaller labs. This often results in outsourced tests and delays in patient treatment. Dfine Bio's patented dual technology delivers fast, accurate, and reliable diagnostic results while reducing operational costs. By equipping local labs with advanced diagnostic tools, Dfine Bio aims to enhance healthcare accessibility and quality, improving patient outcomes nationwide.







## ABOUT THE FOUNDER/CO-FOUNDER

Afser Shariff, CEO: With over 20 years in medical diagnostics, Afser Shariff is a seasoned product manager and entrepreneur. His extensive on-ground work with over 1,000 labs across India gives him a deep understanding of the industry. His strategic vision and hands-on approach guide Dfine Bio Innovation Pvt Ltd. Divya Acharya, Managing Director: Divya Acharya, with 15 years in diagnostic devices, excels in administration, HR, finance, and logistics. Her strategic planning and leadership ensure operational excellence and company growth. Lokesh Murthy KM, CTO: With 15 years in IVD medical devices, Lokesh specializes in affordable, sustainable innovation. His technical expertise aligns technology strategies with business goals. Prathap M, Director of Sales: Prathap M has 15 years of experience in IVD devices and excels in driving sales growth. His expertise in government business and PAN-India distribution is vital for market expansion.

## POTENTIAL APPLICATION

Dfine Bio Innovation Pvt Ltd's innovative coagulation analyzers empower small to mid-sized laboratories to perform in-house diagnostics, reducing their reliance on outsourcing. This advancement results in faster and more accurate patient treatment, improves healthcare accessibility, and enhances overall patient outcomes, particularly in rural and underserved areas.

## MAJOR ACHIEVEMENTS

Dfine Bio Innovation Pvt Ltd has earned the Emerging SMB Award at the Times ET-it4SMB Lenovo Business Awards 2023 for rapid growth, won ELEVATE 2023 by Startup Karnataka for innovative healthcare solutions, and was a finalist at the MEDICALL Healthcare Innovation Awards 2023, with support from Nidhi Prayas and Honeywell.

 <https://dfinebio.in/>

 <https://www.linkedin.com/company/dfinebio/>



# Caare Healthtech Services Pvt. Ltd.

**INCUBATED AT**  
AIC - ISB ASSOCIATION

**FOUNDER/CO-FOUNDER**  
CHANDRAMOULI SAMATHAM

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT AND SERVICE

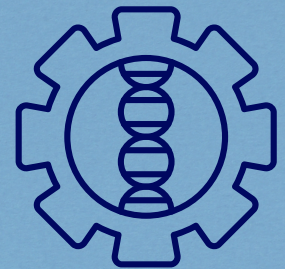
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COMMERCIALIZED

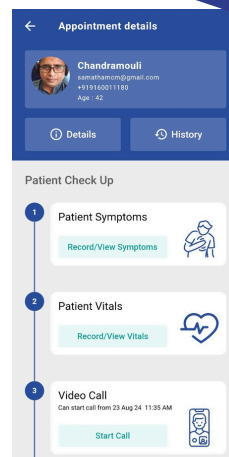
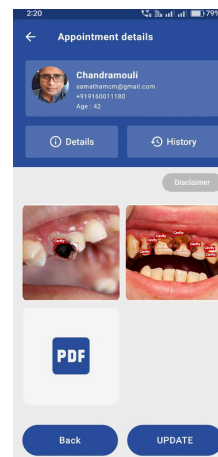
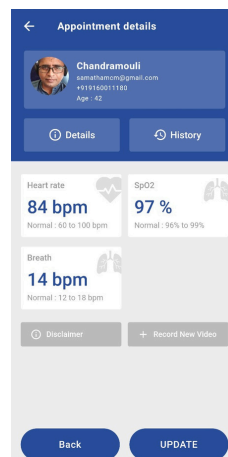
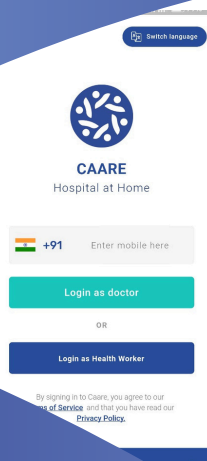
**STATE/UT**  
ANDHRA PRADESH



## STARTUP DESCRIPTION

Caare addresses healthcare disparities in rural India with its innovative Phygital clinic model, combining physical clinics with advanced telemedicine technology. This approach expands access to primary care, providing immediate consultations, diagnostics, and basic treatments. By leveraging telemedicine, Caare connects rural patients with urban specialists for timely expert consultations. The model empowers community health workers with training and tools to deliver healthcare services and education, fostering proactive health management. Caare's telemedicine platform eliminates long-distance travel, reducing costs and time constraints. Its affordable pricing aligns with rural socioeconomic realities, while data analytics help improve services by understanding patient demographics, disease patterns, and treatment outcomes.





## ABOUT THE FOUNDER/CO-FOUNDER

As the founder of Caare Foundation and Caare.in, Chandramouli Samatham is dedicated to providing basic healthcare directly to rural communities in their homes. With an MBA in marketing and over 15 years of experience in sales management and development, he has the expertise and passion to address rural healthcare challenges. Chandramouli excels in customer service, identifying client needs, and ensuring satisfaction. As a versatile leader, he guides and trains cross-functional teams for business development and strengthens relationships at all levels. He empowers rural health workers with a mobile app connecting patients with city specialists, bridging the gap between rural and urban healthcare.

## POTENTIAL APPLICATION

Caare's Phygital Clinic Model combines a physical clinic with telemedicine, offering accessible, affordable, and quality healthcare to rural communities. A primary doctor is present, and specialist consultations are conducted via telemedicine. This model eliminates geographical barriers, reduces costs, and enhances care quality through innovative point-of-care devices and local healthcare workers.

## MAJOR ACHIEVEMENTS

The Caare Doctor App and Patient App are integrated with the Ayushman Bharat Digital Mission (ABDM) and approved by the National Health Authority (NHA). With 9 operational centers and over 2,500 registered patients, each center achieves an average footfall of 275 patients per operational month.

 <https://caare.in/>

 <https://www.linkedin.com/company/caare/>





# Inspirochem LLP

**INCUBATED AT**  
AIC - LMCP FOUNDATION

**FOUNDER/CO-FOUNDER**  
DR. DUSHYANT PATEL

**INNOVATION FOCUS**  
THERAPEUTICS

**TYPE**  
PRODUCT AND SERVICE

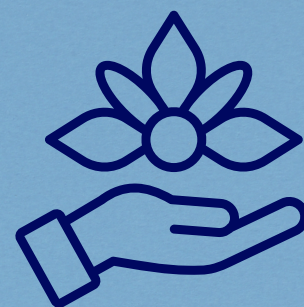
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MVP

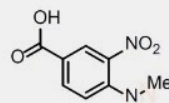
**STATE/UT**  
GUJARAT



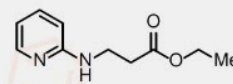
## STARTUP DESCRIPTION

INSPIROCHEM is a healthcare-based startup focused on developing novel, alternative, greener, and cost-effective manufacturing processes for active pharmaceutical ingredients (APIs), drugs, medicines, and intermediates. Their mission is to create processes that are not only commercially viable but also socially impactful, aligning with the global push towards sustainable and environmentally friendly practices. INSPIROCHEM's unique selling proposition lies in their commitment to providing a greener, cost-effective, and sustainable supply of APIs, drug intermediates, and key starting materials. Their solutions serve as import substitutes, reducing dependency on foreign sources and enhancing domestic production capabilities, thereby supporting the "Atmanirbhar Bharat Mission."

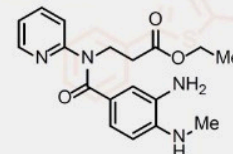




CAS No 41263-74-5



CAS No 103041-38-9



CAS No 212322-56-0  
KSM-1

## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Dushyant Patel (16%), PhD in Pharmaceutical Chemistry, contributes to formulating, guiding, and maintaining the company's strategic growth plan, backed by his 8 years of R&D experience. Ms. Divya M. Teli (28%), M.Pharm in Pharmaceutical Chemistry, oversees day-to-day administrative and operational functions, external collaborations, and project management, drawing on her 5 years of R&D experience at O2H Discovery and 6 years at L. M. College of Pharmacy. Dr. Nirav Patel (16%), PhD in Pharmaceutical Chemistry, focuses on API process development, optimization, scale-up, validation, and technology transfer, with 6 years of R&D experience, including 2 years at Apicore Pharmaceuticals. Mr. Lalit Patel (24%), M.Sc. in Chemistry, and Mr. Sunil Patel (16%), M.Sc. in IT, manage procurement-related operations.

## POTENTIAL APPLICATION

INSPIROCHEM's innovations can lead to more affordable medicines, decreased dependency on imports, and support for sustainable practices, ultimately contributing to global health improvements and economic resilience.

## MAJOR ACHIEVEMENTS

The organization has been recognized with several significant grants and awards. It received the SSIP 2.0 grant and the Start-up Shrujan 2.0 grant, highlighting its innovation and potential. Additionally, it was the winner of the MSME Hackathon Women Edition 3.0, demonstrating its excellence and leadership in the industry.





# Salvation Health-Tech Pvt. Ltd. (Duet)

## INCUBATED AT

AIC - ISB ASSOCIATION

## FOUNDER/CO-FOUNDER

RISHOV MONDAL AND DR. PALLAVI BANSAL

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

SERVICE

## STAGE

PRE REVENUE

## STATE/UT

WEST BENGAL



## STARTUP DESCRIPTION

Duet is designed to bridge the gap in trusted health information by leveraging three key components. The Recommendation System offers personalized advice by matching users with doctors who have treated individuals with similar medical histories and conditions. This ensures users find relevant treatment options tailored to their needs. The Large Language Model provides accurate general medical information by analyzing data from credible sources, such as assessing the safety of soy milk for lactose intolerance. Additionally, Duet's Healthnet feature connects users through anonymous social media, creating a supportive community where individuals with similar health conditions can share experiences, seek advice, and find comfort in their journeys.

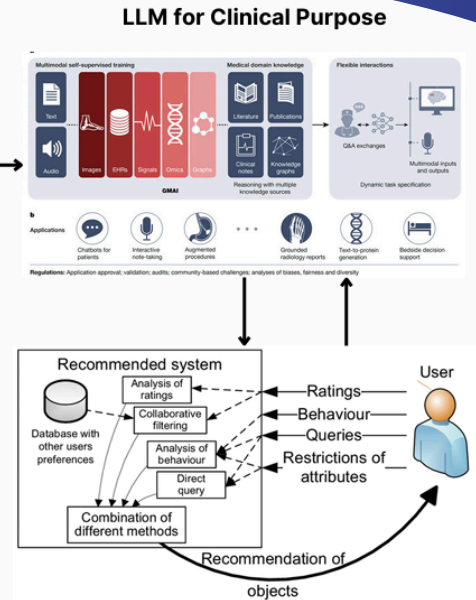






## Solution (Architecture)

'best neurologist near me'



## ABOUT THE FOUNDER/CO-FOUNDER

Rishov Mondal, the founder of Duuet, created the platform-driven by personal experiences with IBS and General Anxiety Disorder. Frustrated by ineffective treatments and misleading claims, he aimed to empower users with accurate, community-led health information. His tech, business strategy, and finance expertise have been crucial in building Duuet. Dr. Pallavi Bansal, co-founder and head of clinical operations, brings extensive medical knowledge to ensure Duuet's technological and clinical soundness. Her healthcare background helps maintain high clinical accuracy and reliability. Together, they have developed Duuet into a pioneering platform that integrates technology, finance, and clinical expertise for personalized healthcare solutions.

## POTENTIAL APPLICATION

Promotion-free, fair healthcare for the people, by the people, emphasizes equitable access without commercial influences. It focuses on a patient-centered approach, where decisions are made based on community needs rather than profit. This model ensures inclusivity and transparency, providing high-quality care to all individuals, regardless of socio-economic status.

## MAJOR ACHIEVEMENTS

Feature -1 Launch: India's First Medical Search Engine.

 <https://duuet.care/>

 <https://www.linkedin.com/company/duuet/>



# Prodancy Pvt. Ltd.

**INCUBATED AT**  
AIC - ISB ASSOCIATION

**FOUNDER/CO-FOUNDER**  
PRADEEP VAMANA

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT

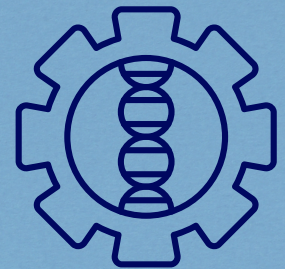
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Prodancy has introduced Vizbl, the world's lightest surgical helmet, which is 40% lighter and 50% more affordable than competitors. Designed with an ergonomic no-chin-bar structure, Vizbl enhances comfort and usability. Future developments include integrating an Augmented Reality headset for knee navigation and incorporating surgical robots to enrich the surgical experience. Additionally, Prodancy plans to upgrade Vizbl with an N100-level HEPA filter, transforming it into the Vizbl Powered Air Purifying Respirator (PAPR). This modification will position Vizbl in the \$4.95 billion advanced respiratory protection market, broadening its application and appeal in the surgical sector.





## ABOUT THE FOUNDER/CO-FOUNDER

Pradeep Vamana is an entrepreneur with over 24 years of experience in Sales, Strategy, and Marketing. He excels at creating and scaling new businesses, a process he finds both challenging and rewarding. He is building Prodancy Pvt. Ltd with his best friend and co-founder, Venkatesh Parthasarathy. Pradeep scaled an aftermarket business to \$14.5 million ARR with a team of 250. He developed a \$2 billion aircraft parts procurement strategy, reduced suppliers from 120 to 90, and created a 15-year airport strategy for Jordan. He also wrote 300 proposals for the A350xWB at Axis IT&T and developed a casting and forging simulation business.

## POTENTIAL APPLICATION

Vizbl, the world's lightest surgical helmet, is 40% lighter and 50% more affordable than the competition. It features an ergonomic design and is the only surgical helmet with a no-chin-bar design.

## MAJOR ACHIEVEMENTS

Vizbl is the world's largest surgical helmet. Since its launch, surgeons have completed 10,000 surgeries in just 15 months. The company has been recognized by UK Trade and Investment and I-Heal from ISB. It was also selected as one of 15 startups from among 3,000 applicants in the Conquest 2024 program.

 <https://www.vizbl.in>

 <https://www.linkedin.com/company/prodancy/>





# Third Ai Platforms Pvt. Ltd. (HeaLink)

## INCUBATED AT

AIC - ISB ASSOCIATION

## FOUNDER/CO-FOUNDER

ABIR SATSANGEE AND DR. SAKSHI SETIA

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

SERVICE

## STAGE

IN PIPELINE

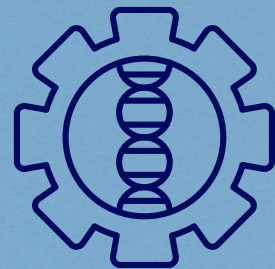
## STATE/UT

DELHI



## STARTUP DESCRIPTION

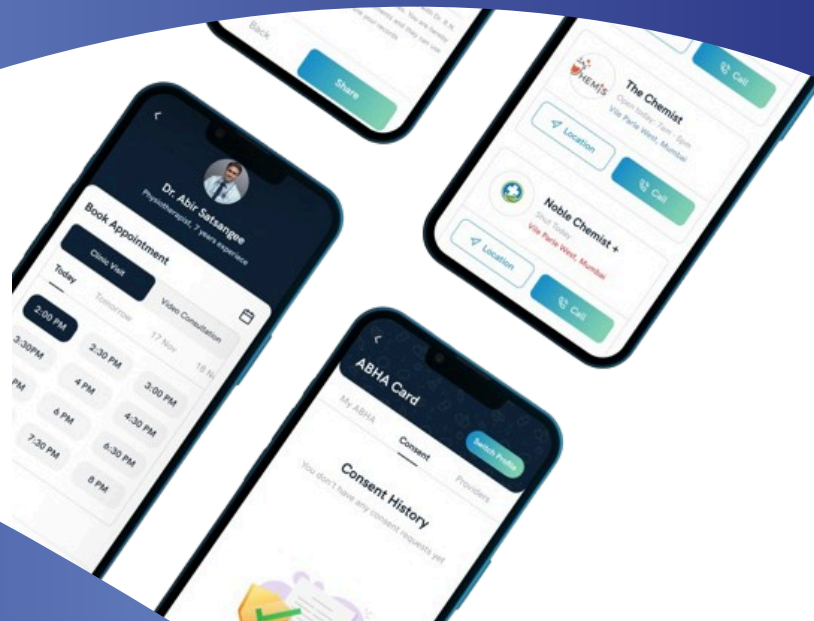
HeaLink is dedicated to significantly improving the quality and accessibility of healthcare services. Their solution aims to reduce outpatient waiting times by 75%, enhance medication adherence, and streamline care coordination. By leveraging AI/ML analytics, HeaLink intends to offer predictive and preventive healthcare, leading to reduced disease prevalence and healthcare costs. The approach involves integrating Electronic Health Records (EHR) with the Ayushman Bharat Digital Mission for comprehensive patient data and employing AI/ML-based predictive analytics for proactive management. HeaLink also offers telemedicine services to address gaps in specialist consultations in remote areas and integrates AYUSH (Ayurveda, Yoga, Unani, Siddha, and Homeopathy) with mainstream healthcare. Additionally, HeaLink provides advanced collaboration tools for healthcare professionals to improve communication and decision-making, along with patient engagement tools to boost health literacy and empowerment.





# HeaLink

powered by third.ai



## ABOUT THE FOUNDER/CO-FOUNDER

Abir Satsangee, Co-Founder and CEO of HeaLink, is a multifaceted professional with expertise in finance, law, and management. He focuses on revolutionizing clinic management systems, patient data portability, and healthcare collaboration at HeaLink. Dr. Sakshi Setia, Co-Founder and Chief Medical Officer, brings experience in advising NGOs, health tech startups, and public health ministries. She leads clinical workflows and designs collaboration tools at HeaLink.

## POTENTIAL APPLICATION

HeaLink creates an integrated and holistic digital ecosystem to address the gaps in India's fragmented healthcare industry. It ensures seamless movement of electronic and portable healthcare records across decentralized settings, supported by advanced collaboration tools designed for medical use. Built on an AI-enhanced patient management system, HeaLink is set to revolutionize healthcare delivery and bridge existing healthcare disparities.

## MAJOR ACHIEVEMENTS

Major achievements include the successful production launch of HeaLink HMIS, which is now live and fully integrated with the Ayushman Bharat Digital Mission, having achieved all its milestones. Additionally, HeaLink PHR is also in production and integrated with the Ayushman Bharat Digital Mission. Both products were showcased at Global Bio-India 2023 and are currently live in Tier-2 India. Furthermore, efforts are underway to commercialize one patent while another is in the process of being filed. The systems are integrated with international standards such as SNOMED and FHIR HL7.



<https://thirdai.co.in>



<https://www.linkedin.com/company/third-ai-platforms/>





# Peptris

**INCUBATED AT**  
C-CAMP

**FOUNDER/CO-FOUNDER**  
VISESH RAJARAM, NARAYANAN  
VENKATASUBRAMANIAN, ANAND BASAVARAJ BUDNI  
AND AMIT MAHAJAN

**INNOVATION FOCUS**  
DRUG DISCOVERY

**TYPE**  
PRODUCT AND SERVICE

**STAGE**  
MVP

**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Peptris is a pioneering startup revolutionizing the pharmaceutical R&D landscape. Addressing the escalating costs and diminishing efficiency of new drug discovery, Peptris leverages artificial intelligence and machine learning to unlock the potential hidden within vast troves of structured data. Their innovative platform technology transcends the limitations of traditional analysis methods, offering a comprehensive solution that spans from predicting individual molecular properties to analyzing complex system interactions. By rationalizing experimental data and generating actionable insights, Peptris empowers researchers to accelerate hypothesis generation and optimize the drug discovery process, ultimately saving time, effort, and resources.





# Peptris: AI plays tetris with proteins

We accelerate drug discovery

## ABOUT THE FOUNDER/CO-FOUNDER

Venkat has more than 20 years of experience in Systems architecture and Software Development. Played a key role in all phases of the product in consumer electronics and professional displays. Venkat holds a Integrated M.Sc. in Mathematics and Computer Applications from IIT Delhi. Shridhar has over 15 years of experience in drug discovery and development in the Indian pharmaceutical industry. Shridhar holds a PhD in Pharmacology from Ohio State University, and has post-doctoral experience in Neuro-pharmacology at the University of California, Los Angeles.

## POTENTIAL APPLICATION

Peptris's cutting-edge computational models, hosted on cloud platforms, offer a significant speed advantage over traditional ultra-high throughput screening methods. Capable of screening millions of compounds daily, these models streamline the drug discovery process by integrating specificity screening into the pipeline. Leveraging deep neural networks, Peptris's models surpass existing industry standards in accuracy, delivering results comparable to those achieved through wet lab experiments.

## MAJOR ACHIEVEMENTS

TECH INNOVATION STARTUP OF THE YEAR 2023 at The Half Brick Startup Connec

 <https://www.peptris.com/>

 <https://www.linkedin.com/company/peptris-technologies/>



# Atom 360

**INCUBATED AT**  
C-CAMP

**FOUNDER/CO-FOUNDER**  
EUGENE FERNANDES, REUBEN  
FERNANDES AND RIZMA BANU

**INNOVATION FOCUS**  
DIAGNOSTICS

**TYPE**  
PRODUCT AND SERVICE

**STAGE**  
MVP

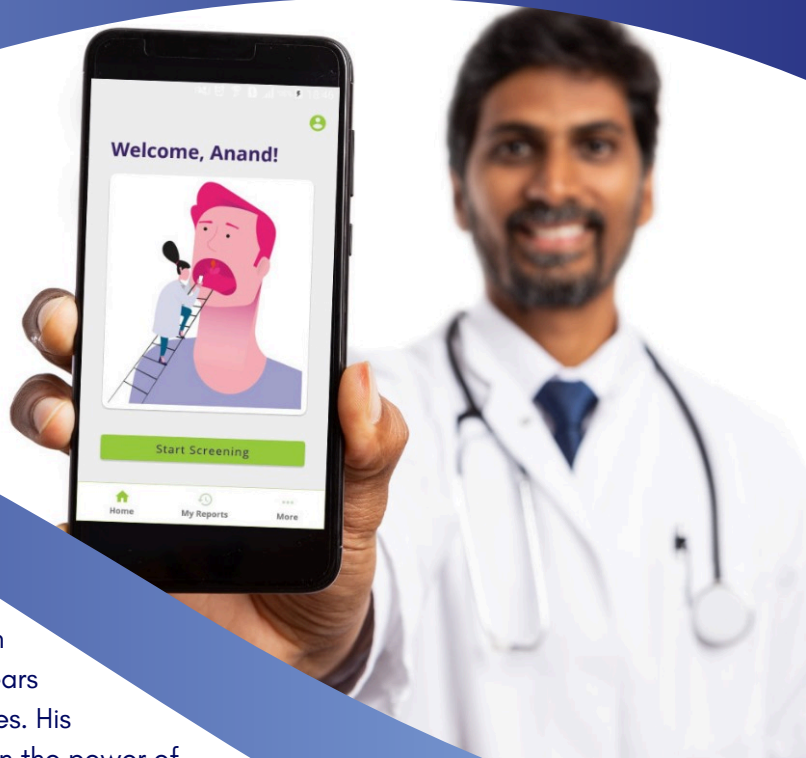
**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Fueled by the belief that healthcare is a fundamental right, Atom360 is a revolutionary startup making waves in the medical technology space. Their mission? To dismantle the barriers of cost and access, ensuring everyone receives the world-class care they deserve. This award-winning team, recognized for their innovative solutions at Elevate 2018 and receiving a BIRAC BIG grant from the Indian government, is currently a leading contender in the prestigious IBM WATSON AI XPRIZE Challenge. Watch this space - Atom360 is poised to change the face of healthcare.





## ABOUT THE FOUNDER/CO-FOUNDER

Eugene Fernandes's first research project, focusing on facial recognition using neural networks, sparked his enduring fascination with artificial intelligence. Since embarking on his career more than three years ago, he has continued to be captivated by the field's endless possibilities. His experience founding and working in a startup has reinforced his belief in the power of hard work, creative thinking, and tenacity.

## POTENTIAL APPLICATION

Atom360 – a digital health-tech startup committed to combating oral cancer in India. Berry. care, Atom360's patented innovative solution, utilises AI to analyse oral cavity images from a smartphone app, aiming for early detection in hard-to-reach areas. The tool is easily operable by community health workers, demands minimal training, and delivers high accuracy rates, as compared to visual examination, at an extremely low cost. This approach could transform oral cancer screening by enhancing efficiency, reducing costs, and broadening reach.

## MAJOR ACHIEVEMENTS

Atom360's accolades continued to grow with their impressive victory at the National Bio Entrepreneurship Competition (NBEC), securing the Pfizer award. This recognition not only validated their innovative approach but also opened doors to potential investment opportunities from Enzia, further fueling their growth and impact in the healthcare industry.

 <https://www.atom360.io/>

 <https://www.linkedin.com/company/atom360/>





# Vemsa Biotech Pvt Ltd

## INCUBATED AT

AIC -JYOTHY INSTITUTE OF TECHNOLOGY FOUNDATION

## FOUNDER/CO-FOUNDER

VIJAY SATISH AND DR MURALIDHAR TS

## INNOVATION FOCUS

DRUG DISCOVERY

## TYPE

PRODUCT

## STAGE

COMMERCIALISED

## STATE/UT

KARNATAKA



## STARTUP DESCRIPTION

VEMSA Biotech Pvt Ltd is a biotech pharmaceutical company dedicated to the research, development, and commercialization of pharmaceutical and wellness products. The company integrates Ayurveda with modern targeted drug delivery techniques.

Founded with a commitment to offering effective products that blend natural solutions with cutting-edge technology at affordable prices, VEMSA Biotech Pvt Ltd specializes in research across various domains, including Ayurveda, herbal pharmaceuticals, nutraceuticals, and phyto-chemicals, utilizing ultra-modern science. The company is continually exploring new frontiers in biotechnology and pharmaceuticals, boasting a robust pipeline of innovative products. VEMSA Biotech Pvt Ltd is dedicated to collaborating with healthcare professionals to bring these treatments to patients in need.





## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Muralidhar, Founder Director, holds a doctoral degree in Reproductive Behavior and Pathophysiology, with nearly 30 years of expertise in Toxicology, Phyto-Pharmacology, Biotechnology, Histopathology, and Herbal Products. He excels in bioactive herbal extract isolation, toxicity evaluation, drug efficacy assessment, and new drug development, having published 56 research articles in reputable journals. Mr. Vijay Satish, also a Founder Director, has over 15 years of corporate experience, including roles from entry-level to Head of Business Operations. He transitioned to entrepreneurship in 2019, driven by a strong passion for innovation.

## POTENTIAL APPLICATION

Vemsa Parkinson's Disease Nasal Drops:

Product Novelty: First of its kind in the World !

- High Intense Target Precise Intranasal Delivery Thru Blood-Brain Barrier with 3 Bio Actives.
- Proprietary Nano Coupled Micro Emulsions with Reduced Particle Size for Targeted Drug Delivery
- Effective Absorption in Blood-Brain Barrier by ensuring Pharmacokinetic & Pharmacodynamic Response.
- It is First Of Its Kind Nasal drug With Central Nervous system & Parkinson's disease

## MAJOR ACHIEVEMENTS

1. Worlds First Nasal Drug For Parkinson's Disease
2. Recognition under Startup India & Startup Karnataka
3. Recognised 1st as Innovative Healthcare Company by Niti Ayog in Azadi Ki Amrit Mahotsav.



[www.vemsabiotech.com](http://www.vemsabiotech.com)



<https://www.linkedin.com/company/vemsa-biotech/>





# Backyard Creators

## INCUBATED AT

AIC - RAISE BUSINESS INCUBATOR

## FOUNDER/CO-FOUNDER

RAMAN AND LAKSHMANAN

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

IN PIPELINE

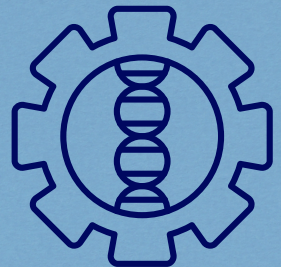
## STATE/UT

TAMIL NADU



## STARTUP DESCRIPTION

Backyard Creators is a startup dedicated to developing innovative technology-based solutions to address critical problems in the medical, social, and environmental sectors. Currently, the company is focused on creating technology products designed to support individuals who are vision or hearing impaired from birth. The team at Backyard Creators is committed to producing accessible and affordable solutions that enhance the quality of life for these individuals. With a strong emphasis on social impact, the startup leverages cutting-edge technology to develop products that provide real-time assistance and improve the daily experiences of differently-abled individuals.







## ABOUT THE FOUNDER/CO-FOUNDER

Raman and Lakshmanan, identical twins from Madurai, Tamil Nadu, are the innovative minds behind Backyard Creators. Their mission is to revolutionize hearing aid accessibility with their creation of the world's first adhesive hearing device.

## POTENTIAL APPLICATION

This innovation has the potential to significantly enhance the daily lives of vision and hearing-impaired individuals by providing them with tools for better communication and interaction.

## MAJOR ACHIEVEMENTS

The company has garnered several accolades, including the Best Sustainable Startup Award at the TiE University Global Pitch Competition (2021-2022) and the C2P Social Entrepreneurship Summit Award. They also received the TNSI-2019 Award from Tamil Nadu's Entrepreneurship Development Institute and a 10 lakh BUILD 3.0 Program Grant from Boeing and KIIT-TBI. Additionally, the company was recognized by the Japanese government at the India Inclusion Summit

 <https://backyardcreators.com/>

 <https://www.linkedin.com/in/raman-r-773b34199>



# 2M Biotec LLP

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

SEENIVASAN GUNABALAN AND NAGARETHINAM RAKU

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

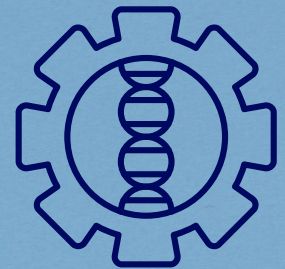
## STATE/UT

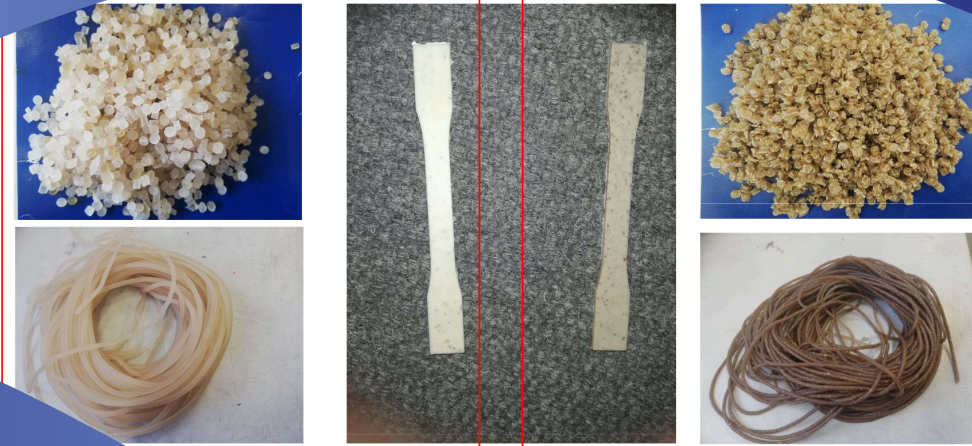
TAMIL NADU



## STARTUP DESCRIPTION

2M Biotec LLP specializes in the production of seaweed-based biopolymer granules that are compostable and ethically sourced. These granules can be manufactured using 100% locally made materials, though in some cases, up to 40% of materials may be imported. Seaweeds, which are abundant and do not require farming, provide a sustainable resource while enriching coastal communities. The company is equipped to produce these biopolymers at an industrial scale, and the processing can be done using conventional plastic machinery. This approach supports sustainability while integrating seamlessly with existing manufacturing infrastructure.





## ABOUT THE FOUNDER/CO-FOUNDER

Seenivasan Gunabalan completed his MS in IT on a full scholarship and possesses over 4 years of expertise in biopolymers and bio composites.

Nagarethinam Raku holds an MSc in Environmental Science and brings valuable experience in the field of natural packaging.

## POTENTIAL APPLICATION

2M Biotech specializes in ethically sourced, compostable seaweed biopackaging with a focus on mass production. Their carbon-neutral approach and scalable, fast-growing seaweed address the urgent need for sustainable alternatives to plastic, benefiting the environment, ocean health, and local communities.

## MAJOR ACHIEVEMENTS

The company received the HDFC Bank Startup Parivartan grant, demonstrating its commitment to innovation and social impact. Additionally, it was selected for the AIC-SEED I2S2 grant, cohort 1, securing Rs 8 lakhs in funding, further endorsing its potential and contribution to sustainable development.

 <https://2mbio.in/n>

 <https://www.linkedin.com/company/2mbio/>





# Ardor Biomed Pvt. Ltd.

## **INCUBATED AT**

AIC - RAISE BUSINESS INCUBATOR

## **FOUNDER/CO-FOUNDER**

VIVEK ANAND

## **INNOVATION FOCUS**

BIOENGINEERING

## **TYPE**

PRODUCT

## **STAGE**

MVP

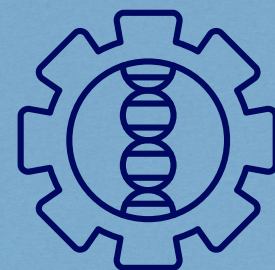
## **STATE/UT**

TAMIL NADU



## **STARTUP DESCRIPTION**

Ardor Biomed (India) Private Limited is a biotechnology startup dedicated to developing biological devices for clinical applications. These innovative products are manufactured using wasted mature coconut water to produce cellulose, which serves as the substrate for the wound care device. The use of natural materials not only makes the product sustainable but also enhances its efficacy in promoting wound healing. By integrating research, development, and clinical expertise, Ardor Biomed aims to become a leader in the field of biologic wound care products.





## ABOUT THE FOUNDER/CO-FOUNDER

Vivek Anand is a seasoned entrepreneur with extensive experience in the biotechnology sector. His expertise lies in the development of biological devices and innovative healthcare solutions. Vivek is driven by a mission to improve patient outcomes through advanced medical technologies.

## POTENTIAL APPLICATION

The innovation offers a sustainable and effective wound care solution that can significantly improve the healing process and reduce medical waste.

## MAJOR ACHIEVEMENTS

Ardor Biomed has expanded its global presence with the establishment of a subsidiary in Malaysia, Ardor Biomed Malaysia, highlighting their commitment to advancing wound care technology worldwide. The company also boasts significant social impact, serving over 100 satisfied clients, utilizing more than 20 modern pieces of equipment, and contributing to over 100 tons of harvest.





# Capsber Global Agro Pvt. Ltd.

## INCUBATED AT

AIC - ADT BARAMATI FOUNDATION

## FOUNDER/CO-FOUNDER

DR. PRITI KHALKHO

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

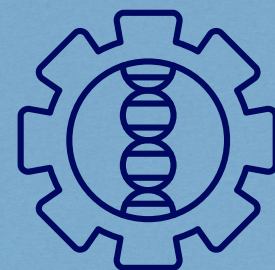
## STATE/UT

KARNATAKA



## STARTUP DESCRIPTION

Capsber Global Agro Private Limited provides lab-to-land innovative climate-resilient biological solutions for sustainable and regenerative agriculture. Their approach revives life in the soil with bio-solutions, thereby decreasing chemical usage, reducing cultivation costs, eliminating health hazards associated with conventional farming, increasing residue-free productivity, and enhancing farmers' income sustainably. The company specializes in crop protection using biopesticides and consortia formulations with patented technology, crop nutrition through biofertilizers and crop-specific micronutrients, and biostimulants. Additionally, they offer crop-specific packages of practices for 35 crops, patented traps, bio-weedicides, and post-harvest shelf life extension solutions.







## Technology Stack

## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Priti Khalkho, (Founder & CEO), is a specialist in biological control of plant pathogens with a PhD in Biotechnology from JNTUH, Hyderabad. She has a decade of experience in bio-formulations and bio-pesticides from ICAR-IIHR, Bangalore. Awarded the Outstanding Entrepreneur – Insect Environmentalist Award in 2022, Dr. Khalkho has implemented three DBT-funded schemes and developed bio-formulations using indigenous strains from the North East Region with IBSD, Imphal. She has been mentored through the Women Startup Program 3.0 (NSRCEL, IIM Bangalore), Boot-camp by C-CAMP & BIRAC (NBEC 2022), and KRISHIK ABI (University of Agricultural Sciences, Dawar).

## POTENTIAL APPLICATION

Capsber's innovative products have positively impacted farmers by transforming chemical farming, reducing carbon footprints, improving crop yields, and decreasing pest infestations. The project also increased farmers' income and raised awareness of sustainable farming methods and environmental benefits in the region.

## MAJOR ACHIEVEMENTS

The company has won several awards: the Sustainable Innovation Award (2019) from the Ministry of Agriculture, Abu Dhabi; the MAITRI Award (2019) from ICAR; Startup of the Year (2022) from the Government of Karnataka; and Agriculture Productivity & Rural Impact Startup Award (2022) from Startup India.



# Hidaa Lifesciences LLP

**INCUBATED AT**  
AIC - ISE FOUNDATION

**FOUNDER/CO-FOUNDER**  
MENKA GURNANI

**INNOVATION FOCUS**  
THERAPEUTICS

**TYPE**  
PRODUCT

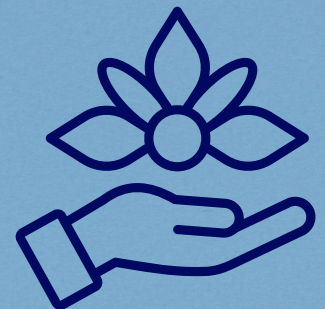
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
GUJARAT



## STARTUP DESCRIPTION

Over 85% of Indians are vitamin D deficient, largely because it is not adequately available through food sources. Currently, medicine is the primary solution on the market. To address this gap, a new dietary solution aims to reduce vitamin D deficiency through diet, benefiting a large portion of the population. This approach also reduces the country's dependency on imported vitamin D2. The initiative focuses on empowering rural women by providing them with income opportunities. Women farmers, especially those with no land, can cultivate vitamin D-rich mushrooms, contributing to their livelihoods. Additionally, by producing vitamin D2 from local agricultural sources, the country can lessen its reliance on imports. This solution will also help address the vitamin D deficiency prevalent in over 80% of both rural and urban children, preventing stunted growth and improving overall health.





## ABOUT THE FOUNDER/CO-FOUNDER

Menka holds a Master's degree in Microbiology and a Postgraduate Diploma in Medical Laboratory Technology. With a decade of experience in R&D, lab technologies, and vitamin D production from vegan sources, she has developed and efficiently managed high-impact projects. Her work focuses on creating and producing vitamin D with a strong emphasis on sustainability and social impact. Menka's expertise in lab technologies and commitment to innovative solutions have led to significant advancements in the field, positioning her as a key contributor to impactful and socially beneficial projects.

## POTENTIAL APPLICATION

With over 85% of Indians vitamin D deficient, a new dietary solution using vitamin D-rich mushrooms could fill this gap. It will reduce reliance on imported vitamin D2, empower rural women through farming, and prevent stunted growth in children by integrating natural vitamin D into food.

## MAJOR ACHIEVEMENTS

The company was honored by Chief Minister Bhupendrabhai Patel and Cabinet Minister Shree Piyush Goyal, featured in BIRAC's 75 Biotech Women Entrepreneurs compendium published by PM Narendra Modi, and highlighted in CII's "Power 100: Women in Innovation" compendium. It will also interact with President Smt. Droupadi Murmu in January 2024.

 <https://www.dbelo.in>

 <https://in.linkedin.com/in/menka-gurnani-40970251>





# GoPillz AI Solutions Pvt. Ltd. (Aica Health)

## INCUBATED AT

AIC - ISB ASSOCIATION

## FOUNDER/CO-FOUNDER

MANISHAA SOIN

## INNOVATION FOCUS

BIOENGINEERING AND DIAGNOSTICS

## TYPE

SERVICE

## STAGE

COMMERCIALIZED

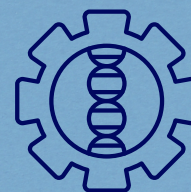
## STATE/UT

DELHI



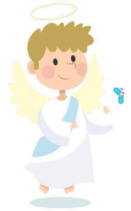
## STARTUP DESCRIPTION

GoPillz is a personal digital care assistant that uses two-way, human-like conversations in local languages to improve patient health. They are digitizing and automating care programs to enhance patient awareness of their health conditions, improve adherence, and manage treatment by reducing turnaround time and increasing efficiency, leading to better health outcomes. Their primary focus is on non-communicable diseases (NCDs) and chronic care management, where awareness and treatment compliance are crucial, and patients require continuous guidance and lifelong access to care. The chronic care disease burden currently stands at \$6.2 trillion. They aim to integrate across clinical workflows and therapeutic areas, making care more accessible for patients, caregivers, and healthcare ecosystem partners.



## Making healthcare more Accessible, Actionable and Always On!

Transforming care delivery through care programs.  
Reaching out to patients where they are and helping them  
with better health using conversations in local languages.



## ABOUT THE FOUNDER/CO-FOUNDER

Manishaa Soin is an experienced Chief Executive Officer with a demonstrated history of working in the health, wellness, and fitness industry. She is skilled in healthcare consulting, disease management, epidemiology, and Medicaid. She is also a strong business development professional with a Bachelor of Science (BSc) in Chemistry from St. Stephen's College.

## POTENTIAL APPLICATION

GoPillz enhances care efficiency and quality using conversational AI on platforms like WhatsApp and voice. Its key strengths are "Vernacularity," "Easy Usability," and "Scalability." The solution integrates with third-party APIs and QR scans, requiring no app installations, ensuring broad usability, distribution, and scalability.

## MAJOR ACHIEVEMENTS

- 100 Women Transforming India
- National Startup Award





# Heethox-K Pvt. Ltd.

## INCUBATED AT

AIC - BANASTHALI VIDYAPITH FOUNDATION

## FOUNDER/CO-FOUNDER

KUSUM ANAND AND SHEKHAR ANAND

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT

## STAGE

IN PIPELINE

## STATE/UT

UTTAR PRADESH



## STARTUP DESCRIPTION

Heethox-K, a newly established company, represents a new era of innovation in healthcare. Founded by a team with extensive experience from renowned organizations, Heethox-K is dedicated to addressing critical healthcare challenges in India. The company focuses on revolutionizing point-of-care testing, particularly in rural areas with challenging conditions. Heethox-K aims to empower the rural healthcare system by using cutting-edge technology for early detection, precise diagnosis, and effective management of genetic diseases and malnutrition-related conditions. Committed to improving public health, Heethox-K strives to fill gaps in point-of-care testing and work towards a healthier, disease-free future for India.







## ABOUT THE FOUNDER/CO-FOUNDER

Mrs. Kusum Anand, a postgraduate in Organic Chemistry, has 7+ years of experience in the diagnostic industry, specializing in customized preventive healthcare services. She owned ATOZ Medical Supply, providing diagnostic kits to companies like Healthians and Medibuddy, participating in government tenders through GeM. Mr. Shekhar Anand, a Biotechnology postgraduate with 17+ years of experience, focuses on sales and technical support. With research experience at AIIMS Delhi, he holds a patent and contributed to developing a hemoglobin meter for rural healthcare at Biosense.

## POTENTIAL APPLICATION

The development of a quantitative testing device for sickle cell disease (SCD) and beta-thalassemia detection will improve early diagnosis and management, enhancing patient outcomes and saving lives. It will streamline diagnostics, saving government funds and resources, and support the "Sickle Cell Eradication Program by 2047," marking a significant public health milestone.

## MAJOR ACHIEVEMENTS

The company has made significant strides in intellectual property and innovation. It has filed a utility provisional patent application No. 202311062060 and a design No. 395138-001. It received the Nidhi Prayas Grant from DST for developing a semi-quantitative estimation of NTproBNP from whole blood and won the BIG Grant from TTPL. The company was shortlisted among the top 10 startups at Medical Asia 2024 in Bangkok, Thailand. Additionally, it is incubated at CMIE, AIIMS, and AIC Banasthali in Jaipur.



# Greenathon Technologies Pvt. Ltd.

## INCUBATED AT

AIC - BANASTHALI VIDYAPITH FOUNDATION

## FOUNDER/CO-FOUNDER

DR. SARIKA GUPTA AND DR. ASHISH KUMAR DUBEY

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

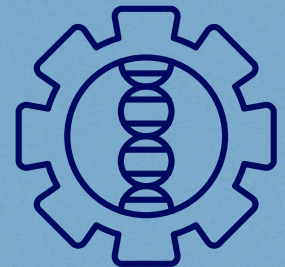
## STATE/UT

RAJASTHAN



## STARTUP DESCRIPTION

Greenathon Technologies Pvt. Ltd. (DIPP Reg No: DIPP69360, Udyam Reg No: UDYAM RJ-17-0139710) is a deep tech startup specializing in green technology for pollution control and sustainability. An academic spinoff from Banasthali Vidyapith and incubated at the Atal Incubation Centre, Greenathon tackles water pollution from textile and paper industries. Committed to UNDP's Sustainable Development Goals, the company aims for 'Zero Waste' using "7R Tools" and Zero Liquid Discharge. Their patented technologies, MICRO-BIOZYMETM and BIODEINK-SOL®, employ microbial methods for pollution remediation and include three patents and three trademarks.





## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Sarika Gupta, Director and Assistant Professor at Banasthali Vidyapith, specializes in microbial communities for industrial applications, including bioaccumulation and bioaugmentation. She also explores plant potentials for treating fungal keratitis, dermatitis, dental caries, and enteric infections, aiming to apply her research for societal benefit. Dr. Ashish Kumar Dubey, Director and Head of the Department of Botany at Agrawal PG College, Jaipur, has 24 years of academic and research experience. He focuses on experiential learning and translational research and has been an entrepreneur for eight years, dedicated to improving educational environments through teaching and research.

## POTENTIAL APPLICATION

Greenation Technology Pvt. Ltd. developed patented technology products as Green Technology Industrial Solutions: MICRO-BIOZYMETM (early-stage revenue) and BIODEINK-SOL® (MVP). These solutions deploy microbial technologies to remediate environmental pollution caused by the textile and paper recycling industries.

## MAJOR ACHIEVEMENTS

The company has achieved notable recognition, including finalist positions at the National Startup Award 2023 and TiE Global Dubai, and wins such as the Rajiv Gandhi Innovation Award and BIRAC TiE Fellowship. Additional honors include the Biotech Woman Scientist of the Year 2022 and multiple innovation awards.

 <https://greenathontech.com/>

 <https://www.linkedin.com/in/greenathon-technologies-pvt-ltd-7a1537172/>





# Ayurcin Biogenics Pvt. Ltd.

## INCUBATED AT

AIC - ADT BARAMATI FOUNDATION

## FOUNDER/CO-FOUNDER

ABHIJEET DHONDU PANSHIKAR

## INNOVATION FOCUS

THERAPEUTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

COMMERCIALIZED

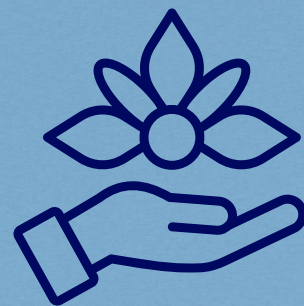
## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

Ayurcin Biogenics Pvt Ltd, founded in 2017 and based in Pune, Maharashtra, is dedicated to creating innovative Ayurvedic medicines and health-focused food products. The company addresses major health issues such as malnutrition and diabetes through products like Ayur Enzo, a bio-fortified medicated milk enriched with higher nutritional values. Ayurcin Biogenics blends traditional Ayurvedic wisdom with modern scientific research to develop effective solutions for managing and preventing chronic conditions, thereby supporting overall wellness. Their mission is to significantly contribute to the health sector by providing natural and impactful health solutions.





## ABOUT THE FOUNDER/CO-FOUNDER

Abhijeet D. Panshikar holds a B.Sc. in Botany and has 30 years of experience in the Ayurvedic herbal, botanical pharma, dairy, and food industries, encompassing manufacturing, marketing, research and development, and consultation, as well as company incorporation. On January 10, 2017, motivated by the issues of junk food disorders and malnutrition-related deaths among mothers and children (HUNGAMA), he began his work in this domain.

## POTENTIAL APPLICATION

Ayurcin Biogenics' innovations have the potential to revolutionize the dietary management of diabetes and malnutrition, significantly reducing global health burdens by providing accessible, nutritionally enhanced food options for preventive and supportive care.

## MAJOR ACHIEVEMENTS

- RKVY RAFTAAR MANAGE HYDERABAD
- Capgemini Agri Innovation Grant

 <https://ayurcin.co/>

 <https://www.linkedin.com/in/ayurcin>





# Cognoscent Sustainability Pvt. Ltd.

**INCUBATED AT**  
AIC - ISE FOUNDATION

**FOUNDER/CO-FOUNDER**  
MR. CHINTAN PRAJAPATI AND MR. BHUSHAN MEHTA

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT

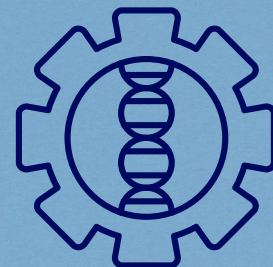
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
GUJARAT



## STARTUP DESCRIPTION

Cognoscent Sustainability Pvt Ltd is a startup dedicated to revolutionizing the packaging industry with plant-based, eco-friendly biodegradable bottles and packaging products. Utilizing materials from renewable resources like corn, sugarcane, and hemp, they offer packaging that decomposes naturally, addressing environmental concerns associated with traditional plastics. Their innovative solutions provide sustainable alternatives that reduce pollution and landfill overflow. By focusing on durability and aesthetic appeal, Cognoscent Sustainability ensures that its products meet consumer demands without sacrificing quality. Their mission goes beyond profit, aiming to foster a circular economy where waste is repurposed as a resource. The company collaborates with eco-conscious brands and engages in educational campaigns to amplify its impact. This initiative marks a significant advance toward a greener future, encouraging a shift from single-use plastics to sustainable, biodegradable packaging solutions.







## ABOUT THE FOUNDER/CO-FOUNDER

Chintan Prajapati has significantly shaped the startup ecosystems in Ahmedabad over 12 years, leveraging his engineering background to focus on sustainable and carbon-neutral products. At Ecovibes, he is advancing his eco-centric vision by offering environmentally-safe alternatives to traditional plastic packaging. Bhushan Mehta, with over 9 years in the startup and innovation ecosystem, has a deep understanding of the innovation life cycle. His expertise in business dynamics and strategic execution is pivotal in positioning Ecovibes as a leading company in sustainable packaging. Bhushan is dedicated to supporting India's growth as a major global economy through innovative ventures.

## POTENTIAL APPLICATION

Biodegradable bottles and packaging have diverse applications, including food and beverage containers, personal care products, and pharmaceutical packaging. They can replace traditional plastic in retail, hospitality, and healthcare industries, offering eco-friendly alternatives for single-use items. Additionally, these products can be used in agriculture for biodegradable mulch films and seedling pots, promoting sustainable farming practices.

## MAJOR ACHIEVEMENTS

Cognoscent Sustainability Pvt Ltd's major achievement is the development of fully biodegradable bottles and packaging that decompose naturally within 8-10 months. Partnerships with leading eco-conscious brands have expanded their market reach, demonstrating the commercial viability and consumer acceptance of sustainable packaging solutions.

 [https://www.instagram.com/eco.vibes\\_06/](https://www.instagram.com/eco.vibes_06/)

 <https://www.facebook.com/profile.php?id=6156120593369>



# Next Big Innovation Labs

## INCUBATED AT

AIC - JYOTHY INSTITUTE OF TECHNOLOGY FOUNDATION

## FOUNDER/CO-FOUNDER

PIYUSH PADMANABHAN, ALOK MEDIKEPURA AND ANIL POOJA VENKATESH

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALISED

## STATE/UT

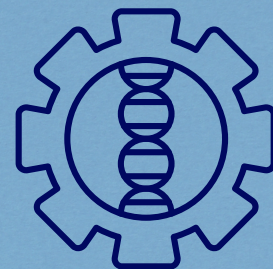
KARNATAKA



## STARTUP DESCRIPTION

Next Big Innovation Labs® is a leading Deep Tech Bioprinting Company based in Bangalore, India. NBIL's high-performance, customisable Trivima bioprinters empower researchers and clinicians to achieve groundbreaking results in both research and clinical applications, enhancing laboratory capabilities globally.

At NBIL, we are committed to advancing biofabrication with technologies that push the boundaries of research and medicine. From accelerating drug development with precise testing models to pioneering regenerative medicine and fabricating bioengineered organs, our goal is to drive breakthroughs that transform healthcare and solve the most complex medical challenges of the 21st century.





## ABOUT THE FOUNDER/CO-FOUNDER

Chinmay Patwardhan, an IISER Pune alumnus, is currently pursuing a PhD at NTNU, specializing in biotechnology with a focus on healthcare accessibility. During his BS-MS studies at IISER Pune, he co-founded Curem Biotech LLP, a startup dedicated to developing affordable healthcare solutions for underserved communities. His work is deeply influenced by Dr. Saikrishnan Kayarat, a Professor of Biology at IISER Pune, who has been a key mentor throughout Chinmay's academic journey. Dr. Kayarat's expertise and guidance have significantly shaped Chinmay's approach to research, innovation, and entrepreneurship in the field of biotechnology.

## POTENTIAL APPLICATION

Building customisable bioprinters for the following applications – Drug Development and Testing; Regenerative Medicine , Personalized Medicine, Cancer Research and Bioprinted Meat.

## MAJOR ACHIEVEMENTS

The company has achieved various milestones and recognitions including partnerships with Autodesk, grants from government programs, selection into startup programs, patents for bioprinting, and recognition by organizations like the World Economic Forum.



<http://www.nextbiginnovationlabs.com>



<https://linkedin.com/company/nextbiginnovationlabs>





# Mushloop Pvt. Ltd.

**INCUBATED AT**  
FSID, IISc BANGALORE

**FOUNDER/CO-FOUNDER**  
TANUSH PREM

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT

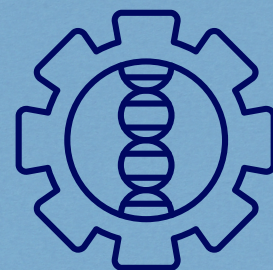
**STAGE**  
MVP

**STATE/UT**  
TAMIL NADU



## STARTUP DESCRIPTION

Mushloop is a sustainable packaging startup dedicated to replacing styrofoam and single-use plastics with eco-friendly alternatives. By utilizing mycelium, the root structure of mushrooms, and agricultural waste, Mushloop creates biodegradable packaging solutions that are both sustainable and effective. Their innovative approach not only addresses environmental concerns by reducing plastic waste but also promotes the use of renewable resources. The company's mission is to provide a viable, green alternative to traditional packaging materials, supporting a more sustainable future. Mushloop's solutions are ideal for businesses looking to reduce their environmental footprint without compromising on quality or functionality.





## ABOUT THE FOUNDER/CO-FOUNDER

A results-driven professional with a background in the automotive industry and entrepreneurship, Tanush Prem gained valuable experience as a Parts Controller at Renault Nissan. In this role, he managed suppliers across South India, demonstrating strong organizational skills and attention to detail in parts management. Passionate about sustainability and entrepreneurship, Tanush Prem has spoken at events such as Headstart D2C for Sustainability and the IIM Bangalore Sustainability Summit. He has also participated in prestigious programs like NASSCOM 10K Startups, Wadhvani Foundation NEN Ignite, IKEA & Technoserve Sustainability Cohort, and AIC BIMTECH Khoj Program.

## POTENTIAL APPLICATION

It is used for replacing of the secondary packaging (Thermocol) in the packaging industry made from agricultural waste and fungus.

## MAJOR ACHIEVEMENTS

The individual was an EIR at the Indian Institute of Science Bangalore, with their startup receiving recognition from Startup India and being showcased at various events. The startup participated in programs with Nasscom 10,000, Wadhvani Foundation NEN Ignite, and LASA Cohort of WRI India. It reached the finals of the HST Grand Challenge at IIT Mandi and the Carbon Zero Challenge at IIT Madras. The startup was named among the Top 30 Climate Tech Startups in India by Google India and featured in various publications and events, demonstrating a strong presence in the startup ecosystem.





# ALLREAL

## INCUBATED AT

AIC - SHIV NADAR RESEARCH FOUNDATION

## FOUNDER/CO-FOUNDER

VISHNU T U AND NIVEDITHA R.

## INNOVATION FOCUS

BIOENGINEERING AND DIAGNOSTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

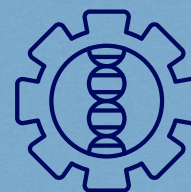
## STATE/UT

TAMIL NADU



## STARTUP DESCRIPTION

ALLREAL introduces a groundbreaking 'Immersive Tool' specifically designed for healthcare training, combining virtual and mixed reality technologies to enhance learning and operational efficiency. This innovative solution features robust user analytics that provide valuable insights to boost productivity and improve training outcomes. By seamlessly integrating cutting-edge technology with traditional business practices, ALLREAL is at the forefront of redefining healthcare training. The 'Immersive Tool' not only aims to elevate patient safety but also offers advanced professional training to healthcare providers. This approach ensures that both theoretical knowledge and practical skills are effectively developed, leading to a more competent and prepared healthcare workforce.







## ABOUT THE FOUNDER/CO-FOUNDER

Vishnu T U is a biomedical engineer with expertise in healthcare infrastructure, game design, and business development. With 7 years of experience and a passion for creating error-free healthcare solutions, he has been developing healthcare training solutions through ALLREAL. An avid learner and a visionary leader, Vishnu is committed to bringing innovative products to reality with 100% effort. Niveditha R has experience in deep tech, product development, marketing, and branding, having worked on various design projects. Her career has shown steady growth from entry-level positions within the organization. She is a dedicated learner with a flair for design and creativity. Her love for art and design has led to remarkable outcomes, achieving 90% engagement and connection with her designs.

## POTENTIAL APPLICATION

They can provide better-prepared healthcare workers, reduced medical errors, improved patient safety, and ultimately, higher quality of care in real-world medical settings.

## MAJOR ACHIEVEMENTS

Hexagon Manufacturing Innovation Challenge- Winner, National Startup Award- 2020 (Finalist) Medical Innovation Award- Finalist Arambh Challenge- Runner-up TiE Women Global Pitch Competition- Chapter Winner

 <https://allreal.io>

 <https://linkedin.com/company/machenn>



# Jan Elaaj Wellness Pvt. Ltd.

## INCUBATED AT

AIC - SHIV NADAR RESEARCH FOUNDATION

## FOUNDER/CO-FOUNDER

ASIF KHAIR AND VINAY

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

## STATE/UT

DELHI



## STARTUP DESCRIPTION

Jan Elaaj is pioneering a groundbreaking non-device healthcare solution aimed at revolutionizing the measurement and management of various health conditions, including heart risks, hypertension, blood sugar, anemia, and mental health risks. Their approach employs advanced signal processing techniques for measuring body vitals, moving beyond traditional device-based methods. This innovative health-tech solution promises to enhance accuracy and convenience in monitoring health metrics, making it easier for individuals to manage their health proactively. By focusing on non-invasive diagnostics, Jan Elaaj is set to transform personal health management and improve overall wellness.





## ABOUT THE FOUNDER/CO-FOUNDER

Asif Khair has been in the industry for about 30 years, with a strong background in IT, Telecom, Imaging, AI, Healthcare Services, Cloud Computing, and Project Management. He has contributed to technology and services leadership on a global scale. His current focus is on building a preventive screening touch device for lifestyle diseases. Vinay, the co-founder and Solution Architect, is responsible for designing the end-to-end application framework and overseeing full-stack deployment. He manages the integration of PCB design, casing design, and signal processing framework with the overall solution. Vinay has previously designed small to medium-scale enterprise applications.

## POTENTIAL APPLICATION

Lifestyle diseases often lack visible symptoms and require regular blood tests for diagnosis, which can be inconvenient. This leads to delays in testing, leaving millions undiagnosed or diagnosed only at advanced stages of conditions like diabetes, anemia, and hypertension. Jan Elaaj's product addresses this issue by offering a convenient solution for early diagnosis and management, simplifying health monitoring and encouraging proactive care.

## MAJOR ACHIEVEMENTS

SISFS Grant, TIDE 2.0 Grant

 <http://www.janelaaj.com>

 <https://www.instagram.com/janelaaj>





# Easiofy Solutions Pvt. Ltd.

## INCUBATED AT

AIC - BANASTHALI VIDYAPITH FOUNDATION

## FOUNDER/CO-FOUNDER

MEENAL GUPTA, NOOR FATMA AND SHEETAL TARKAS

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

SERVICE

## STAGE

PRE REVENUE

## STATE/UT

UTTAR PRADESH



## STARTUP DESCRIPTION

Easiofy is leading the way in AI innovation for medical imaging by merging expertise in artificial intelligence, mixed reality, and healthcare. The company is dedicated to advancing precision and personalized care through its transformative technologies. By redefining diagnostic and treatment planning standards, Easiofy aims to enhance patient outcomes on a global scale. Their commitment to integrating AI with medical imaging ensures that healthcare providers have access to cutting-edge solutions that improve accuracy and efficiency. Easiofy's innovative approach is set to revolutionize how medical imaging is utilized, ultimately providing better care and results for patients worldwide.





## ABOUT THE FOUNDER/CO-FOUNDER

Meenal Gupta, Founder of Muse Diagnostics Pvt. Ltd., brings 20 years of cross-industry expertise, particularly in consumer electronics. She has crafted advanced solutions for major clients like Sony, Olympus, and Panasonic, showcasing her ability to develop high-quality products and foster strong partnerships. Noor Fatma, Co-Founder, offers 20 years of experience in embedded technologies, AI, computer graphics, and augmented reality. Her background with HCL Technologies and ST Microelectronics highlights her technical skills and entrepreneurial spirit, positioning her well to drive innovation. Sheetal Tarkas, Co-Founder, has a strong background in electronic media and animation, with experience at Doordarshan and Zee News. Her organizational skills and attention to detail make her adept at managing daily operations and optimizing business efficiency.

## POTENTIAL APPLICATION

ImagiXAI is an AI-powered medical imaging platform designed to streamline radiology workflows through automated image analysis, real-time collaboration, and improved diagnostic accuracy. Its advanced AI models and cloud-based features enhance efficiency, reduce costs, and enable remote consultations, ultimately improving the quality and accessibility of medical imaging for healthcare providers and patients.

## MAJOR ACHIEVEMENTS

ImagiXAI has achieved significant milestones, such as winning third prize at IIT Mandi's HST Startup Grand Challenges 2023. It was featured in the Open Innovator Show, recognized as a Top 10 Women Entrepreneur in IT for 2020, and acknowledged by the National Broadband Mission. ImagiXAI deployed AR/VR applications for medical scans, won awards like the DoT's APP of the Month and IDRBT 5G Hackathon 2020, and received media coverage for its metaverse banking solutions.





# Tranform SciTech Pvt. Ltd.

**INCUBATED AT**  
AIC - ALEAP WE HUB

**FOUNDER/CO-FOUNDER**  
DR.BADRI VISWANATHAN AND SUBHA PARVATHY B.

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT

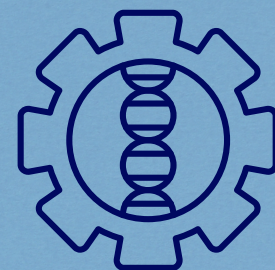
**STAGE**  
IN PIPELINE

**STATE/UT**  
TELANGANA



## STARTUP DESCRIPTION

Transform SciTech Private Limited (TST) is a recognized startup fully owned by Indian founders and registered under the Companies Act, 2013, of the Government of India. The company specializes in developing transformative technologies in the field of pharmaceutical and biomedical sciences. Their vision is "Transformations through Research in Science and Technology."







## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Badri Viswanathan, the Co-Founder, has three decades of experience in pharmaceutical and biomedical product development and global launching. He has launched approximately 100 products worldwide and holds more than 25 patents to his credit. Subha Parvathy brings a diverse background in literature and administration to our company. She expertly manages financial transactions, oversees communications, and drives our corporate social responsibility initiatives.

## POTENTIAL APPLICATION

Transform SciTech Private Limited (TST) has developed the SUI (Simple to Use Injection System), a dissolving microneedle technology designed for parenteral drug administration in resource-poor settings. This breakthrough simplifies drug delivery, enabling bystanders or self-use. It enhances emergency care, mass immunizations, and addresses micronutrient deficiencies.

## MAJOR ACHIEVEMENTS

BIRAC BIG Grant awardee.



<https://transformscitech.com/>



<https://www.linkedin.com/company/transform-scitech/>



# Iom Bioworks

**INCUBATED AT**  
C-CAMP

**FOUNDER/CO-FOUNDER**  
BIPIN PRADEEP KUMAR

**INNOVATION FOCUS**  
DIAGNOSTICS AND DRUG DISCOVERY

**TYPE**  
PRODUCT

**STAGE**  
MVP

**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Iom Bioworks is a microbiome-based life sciences company that uses cutting-edge technology, including big data analytics, mathematical modelling, deep learning frameworks, and Artificial Intelligence to constantly push the boundaries to develop deep and innovative solutions for enhancing health and well-being. We combine expertise in microbiology, data science, nutrition, and clinical medicine to unravel the complexities of the gut microbiome, understand its impact on human health and then deliver tailored solutions that empower individuals to achieve their utmost well-being.





## ABOUT THE FOUNDER/CO-FOUNDER

Bipin brings with him over 22 years of experience and a deep passion for computational biology, metagenomics engineering, communications, and big data. His expertise and dedication have led to significant contributions in the field of healthcare and bio-economy. With a keen focus on leveraging technology and scientific advancements, Bipin continues to drive innovation and shape the future of healthcare through his strategic leadership and visionary approach.

## POTENTIAL APPLICATION

The Microbiome constraints act as guard rails for Optimisation. Your gut model is unique, and so are its key bacteria. lom's optimisation calibrates the bacteria in your gut for specific health outcomes. The lom Optimisation recalibrates the bacteria in your gut and suggests alterations to these microbes to maximise your health benefits from the microbiome. The optimisation builds dynamic and probabilistic models by using machine learning techniques combined with a deep knowledge of the biology of the gut and you. Your optimised gut represents your personalised gut goal.

 <https://iombio.com/>

 <https://www.linkedin.com/company/iom-bioworks/?originalSubdomain=in>





# Aditya Bioinnovation Pvt. Ltd.

## INCUBATED AT

AIC - CCRI CED (COFFEE BOARD)

## FOUNDER/CO-FOUNDER

SURJYOTI SUJALCHANDRA BAGCHI AND ANIRUDDHA BAGCHI

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

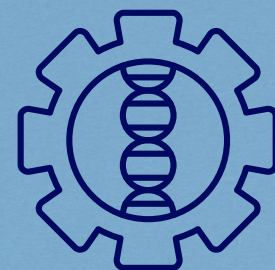
## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

Aditya Bioinnovation, based in Nagpur, Maharashtra, is an innovative manufacturer of agricultural inputs. They specialize in plant extract-based bio-stimulants and plant protectors aimed at promoting sustainable agriculture at an affordable cost. The unique selling proposition of their products is their low volume and high efficiency; only 50 ml is required for one acre of crops. Their products leave no residue, are human-friendly, and are designed to replace toxic pesticides, making them ideal for organic farming. Additionally, the shelf life of their products is two years.





## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Surjyoti Sujalchandra Bagchi is a chemist with 30 years of industrial experience in agrochemicals and power plants. His vision is to replace chemical fertilizers and pesticides with organic, residue-free natural alternatives. His dedication to this dream has been realized with the receipt of two patents. Aniruddha Bagchi is an Engineer & co-founder at Aditya Bioinnovation. He started his career as a copywriter at an ed-tech startup which helped people how to start a startup. He further went on to work as a content strategist at a boutique marketing agency in Nagpur. With a passion for agriculture and eyeing an opportunity for natural plant protectors, he joined Aditya Bioinnovation as a cofounder.

## POTENTIAL APPLICATION

Their product can replace toxic pesticides and is best suited for organic farming.

## MAJOR ACHIEVEMENTS

Awarded as the Best Innovative Agricultural Startup at the Agri-Food Empowering India Awards 2021.





# HealthCrew Global

## INCUBATED AT

AIC - LMCP FOUNDATION

## FOUNDER/CO-FOUNDER

RAJVEE MEHTA AND DR. D.K. MEHTA

## INNOVATION FOCUS

DRUG DISCOVERY

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

## STATE/UT

GUJARAT



## STARTUP DESCRIPTION

Kaers, a brand under the startup HealthCrew Global, is dedicated to discovering and harnessing the unique properties of herbs for health and beauty purposes. The company focuses on developing innovative, result-oriented products that cater to skin, hair, and overall healthcare needs. With a strong emphasis on uncovering the unexplored secrets of nature, Kaers strives to create products that offer genuine benefits. The brand is actively engaged in both domestic and international marketing, ensuring that these nature-inspired solutions reach a global audience.





## ABOUT THE FOUNDER/CO-FOUNDER

Rajvee Mehta is a young and dynamic professional with a Master's degree in Social Media Marketing and E-commerce. Dr. D.K. Mehta has 30 years of experience in brand management, marketing management, and export marketing.

## POTENTIAL APPLICATION

Bio-care solutions serve as a substitute for chemical products. Kaers' bio-actives are well-preserved until the end of their shelf life, providing remarkable health and beauty advantages.

## MAJOR ACHIEVEMENTS

The company is listed on all important e-commerce and social media marketing platforms. It has received UAE regulatory approval for six products and has initiated exports to Australia. Additionally, the company has been awarded the SSIP 2.0 grant.



<https://kaerslife.com/>



<https://instagram.com/kaers.by.healthcrew?igshid=YmMyMTA2M2Y=>



# MicroHeal Wellness Pvt. Ltd.

## INCUBATED AT

AIC - LMCP FOUNDATION

## FOUNDER/CO-FOUNDER

SHASHANK MISHRA

## INNOVATION FOCUS

DIAGNOSTICS AND THERAPEUTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

## STATE/UT

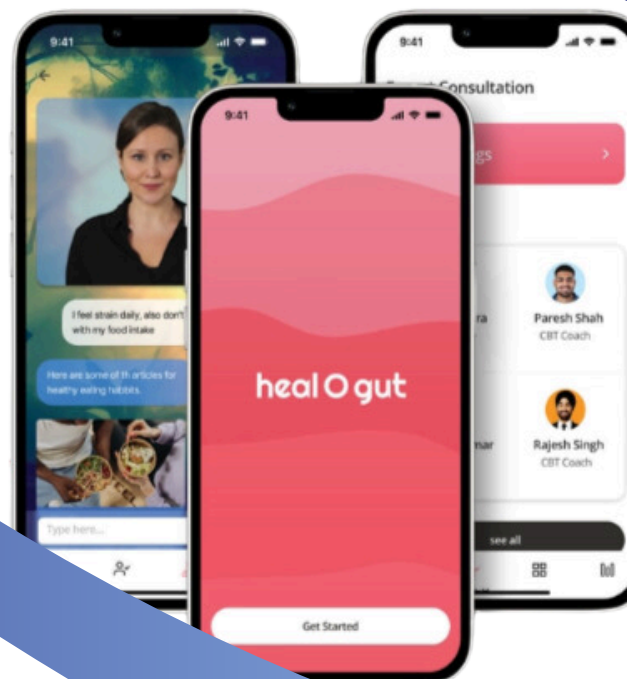
GUJARAT



## STARTUP DESCRIPTION

WinHealth.Care, by MicroHeal Wellness Pvt Ltd., is a digital health startup revolutionizing gut health management through innovative technology and evidence-based approaches. Their flagship product, healOgut, combines advanced food science, behavioral science, and digital therapeutics (DTx) to care for individuals with Functional Gastrointestinal Disorders (FGID). The platform features symptom tracking, clinically validated protocols, and AI-powered insights for effective health management. Emphasizing holistic care, WinHealth.Care provides tailored treatment plans and thorough monitoring to improve patient outcomes. Committed to value-based care, the company invests in research and development, conducting randomized control trials (RCTs) to ensure solution efficacy.





## ABOUT THE FOUNDER/CO-FOUNDER

Shashank Mishra, the founder, is a dynamic individual with a diverse background in engineering and entrepreneurship. With a degree in Mechanical Engineering from IIT Jabalpur, he began his career as a Wellsite Drilling Engineer and Consultant at Baker Hughes, followed by a role as a Driller at GTC Oilfield Services. His passion for health and wellness led him to establish "Elixir - The Health Cafe." He has since transitioned to the health industry, leading a startup focused on innovative solutions for managing gut health. His company uses technology and evidence-based approaches to address Functional Gastrointestinal Disorders and the gut-brain axis, aiming to enhance patient outcomes and well-being.

## POTENTIAL APPLICATION

The product from WinHealth.Care promises real-world impact by improving the diagnosis and management of gut health issues. It reduces healthcare costs and enhances patient quality of life through personalized, evidence-based digital therapeutics. Aiming to revolutionize gut health management, it makes care more effective and accessible for millions.

## MAJOR ACHIEVEMENTS

WinHealth.Care has received the Start-up Shrujan 2.0 grant and has begun generating revenue. Additionally, their randomized control trials (RCT) and real-world evidence (RWE) data, which show a positive impact on patients, have been validated on international scales.

 <https://www.winhealth.care/>

 <https://www.instagram.com/winhealth.care/>





# NutriVMS Biochem Pvt. Ltd.

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

DR. VAIBHAV R. ACHAM AND DR. MUNTAZIM M. KHAN

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

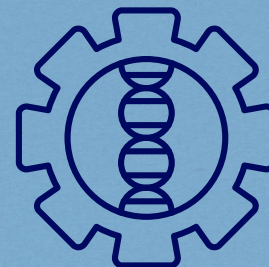
## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

The startup employs scientific methods for waste valorization, transforming poultry waste into valuable products with diverse applications. These include animal feed, textiles, cosmetics, and agriculture. By focusing on the development of innovative solutions, the company aims to create products that are both eco-friendly and non-hazardous. Their approach emphasizes utilizing available bio-wastes from plant and animal sources to produce sustainable, high-quality materials. This commitment to waste valorization not only helps reduce environmental impact but also supports various industries by providing alternative, resource-efficient products. Through continuous research and development, the startup strives to advance the field of bio-waste utilization, offering solutions that contribute to sustainability and innovation across multiple sectors.



## ANIMAL ORIGIN



Nutri-FeproS



Nutri-LivproS

## PLANT ORIGIN



Nutri-SyproS



Nutri-SyproL

## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Vaibhav R. Acham has extensive experience with leading scientific and research organizations globally, specializing in heterogeneous catalysis, catalyst development, and synthetic organic methods. He holds a PhD in Chemistry from NCL-Pune and Humboldt University, Germany, and has over 7 years of industrial experience. Dr. Muntazim M. Khan focuses on Polymer Chemistry, including proteopolymersomes, modern extraction techniques, and polymer processing for applications like oral care and water filtration. He holds a Ph.D. in Physical Science with a focus on polymeric membranes from the University of Hamburg, Germany, and has studied MBA in Corporate Management with specializations in Strategic Management and Entrepreneurship.

## POTENTIAL APPLICATION

The products are key raw ingredients in pet feed, cosmetics, weight management, feed supplements, and biofertilizers. They utilize waste generated from poultry and oil refineries as raw materials, contributing to sustainable practices and offering valuable solutions across these sectors.

## MAJOR ACHIEVEMENTS

Selected for grant-in-aid funding from ICAR-CIRCOT.





# WSAFE Sustainability Services Pvt. Ltd.

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

ATUL MOHAN AND AARTI SHARMA

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

SERVICE

## STAGE

COMMERCIALIZED

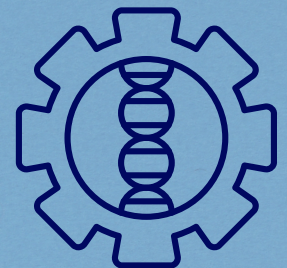
## STATE/UT

DELHI



## STARTUP DESCRIPTION

WSAFE, a young startup, positions itself as a research and result-oriented company specializing in water safety and sustainability solutions. The company drives positive, sustainable change in wastewater management, which also contributes to air pollution mitigation, control of water and vector-borne diseases, carbon sequestration, groundwater recharge, increased aquaculture yield, and prevention of flooding and overflow in water bodies.







## ABOUT THE FOUNDER/CO-FOUNDER

Aarti Sharma, co-founder of WSAFE, is a seasoned IT professional with over 20 years of experience and a post-graduate degree in Computer Applications. PMP certified, she manages project training and implementation while leading the development of a Centralized Waterbody Management Portal to streamline processes and enhance accountability. Atul Mohan, also a co-founder, has over 25 years in IT and a strong passion for water conservation. He focuses on creating sustainable solutions through his initiative, "Catch The WasteWater," aiming to restore natural water bodies by rejuvenating their native aquatic ecology.

## POTENTIAL APPLICATION

Focus on reviving the native microbiota of natural water bodies, resulting in the restoration of the native microbiome to consume nutrient overload, making the water reusable for all life purposes.

## MAJOR ACHIEVEMENTS

The company has received the HDFC Bank Startup Parivartan grant and presented its paper on in-situ waterbody rejuvenation at Water Today's "WATMAN" International Conference in Chennai, March 2024.



<https://wsafess.com/>



<https://www.linkedin.com/company/nutrivms-biochem-pvt-ltd/>



# Acrannolife Genomics

**INCUBATED AT**  
AIC - CCMB

**FOUNDER/CO-FOUNDER**  
AVINASH RAMANI

**INNOVATION FOCUS**  
DIAGNOSTICS

**TYPE**  
PRODUCT

**STAGE**  
IN PIPELINE

**STATE/UT**  
TAMIL NADU



## STARTUP DESCRIPTION

Acrannolife is a precision diagnostics company committed to improving disease detection with its proprietary molecular counting platform. The company's mission is to positively impact over a billion lives by delivering accurate and rapid clinical outcomes. Specializing in non-invasive liquid biopsy technology, Acrannolife prioritizes patient health, guided by core values of ethics, agility, innovation, and collaboration. The startup has been recognized for its innovation in healthcare technology, receiving accolades from the Honourable President of India and awards from prestigious institutions. Acrannolife's dedication to advancing diagnostics reflects its goal of transforming healthcare through cutting-edge solutions and exceptional service.





## ABOUT THE FOUNDER/CO-FOUNDER

Avinash Ramani, Co-Founder and Chief Scientific Officer of the organization, is a distinguished expert in Bioinformatics, Genomics, Immunology, and Biotechnology. With a decade of research experience at IIT-M, MIT, and Anna University, Avinash has secured a US Patent and over 10 patented technologies, receiving government grants to advance scalable genomics testing for chronic diseases. Agragesh Ramani, Co-Founder and CEO of Acrannolife, brings a strong entrepreneurial spirit and business acumen, refined through an MBA from IMT Ghaziabad. His experience includes roles at Little App, Nearby, Paytm, and Zovi. Together with his brother, Agragesh is driving innovative solutions through Acrannolife.

## POTENTIAL APPLICATION

Acrannolife's non-invasive liquid biopsy technology revolutionizes cancer detection with early, accurate diagnoses from simple blood tests. This innovation minimizes patient discomfort and healthcare costs, improves early intervention opportunities, and enhances survival rates, thereby transforming cancer care and patient outcomes on a global scale.

## MAJOR ACHIEVEMENTS

Acrannolife Genomics transforms lives with cutting-edge genomics and LAMP technologies. The Trunome platform enables early detection of chronic diseases and organ rejection via a simple blood test. Point-of-care products like COVIQWIK and TBFYND offer rapid, precise results. Awarded Best Healthcare Startup by the Economic Times in 2024.

 <http://acrannolife.com/>

 <https://www.linkedin.com/in/agrageshramani/?originalSubdomain=in>





# Althion Tech Innovations Pvt. Ltd.

## INCUBATED AT

AIC - CCMB

## FOUNDER/CO-FOUNDER

SURYA RAO

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

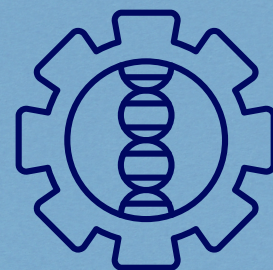
## STATE/UT

TELANGANA



## STARTUP DESCRIPTION

Based in Hyderabad, India, Althion Tech Innovations Pvt Ltd specializes in developing IoT-enabled medical equipment and devices to address critical healthcare challenges. Their user-involved product development approach ensures a thorough understanding of the product contexts. Initially focused on ultra-pure water solutions for kidney dialysis and laboratory settings, the company has received substantial support from BIRAC and holds a licensing agreement with CSIR IICT for novel RO membrane technology. A key feature of their products is IoT-enabled monitoring and analysis, which enhances both functionality and user experience.





## ABOUT THE FOUNDER/CO-FOUNDER

Surya Rao began his career at Shantha Biotech, where Dr. Varaprasad Reddy's influence shaped his approach to socially responsible and profitable organizations. After obtaining master's degrees in microbiology and business administration in the US, and working at IBM and the University of Massachusetts Amherst, Surya returned to India in 2010. He led ICICI Knowledge Park and BITS Pilani, Hyderabad, before establishing a top-notch incubator in Kuwait in 2016. Currently, he leads Althion, a health-tech startup he founded in 2017, focusing on innovative, affordable medical devices. Funded by BIRAC, Althion's dialysis water product is set for international export.

## POTENTIAL APPLICATION

Affordable WaterTech solutions designed to serve mass-market and low-income segments.

## MAJOR ACHIEVEMENTS

The startup has earned several accolades, including the Tech Impact Award and the National Award for TDB 2020 for commercializing indigenous technology. They also received the DST ISBA Startup Award and the STEM Global Impact Award, both in 2019.

 <https://www.althion.in/>

 <https://www.linkedin.com/company/althion/>





# Bhisaj Pharmaceuticals Pvt. Ltd.

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

DR. SWAPNIL SONAWANE, DR. SAGAR NEHATE AND MS. NILIMA SONAWANE

## INNOVATION FOCUS

DRUG DISCOVERY AND THERAPEUTICS

## TYPE

PRODUCT

## STAGE

COMMERCIALIZED

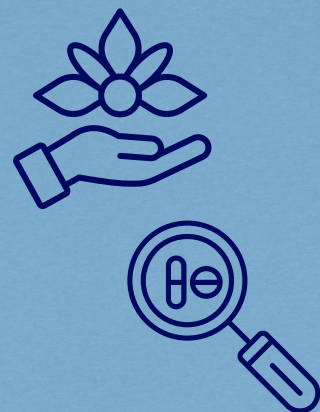
## STATE/UT

MAHARASHTRA

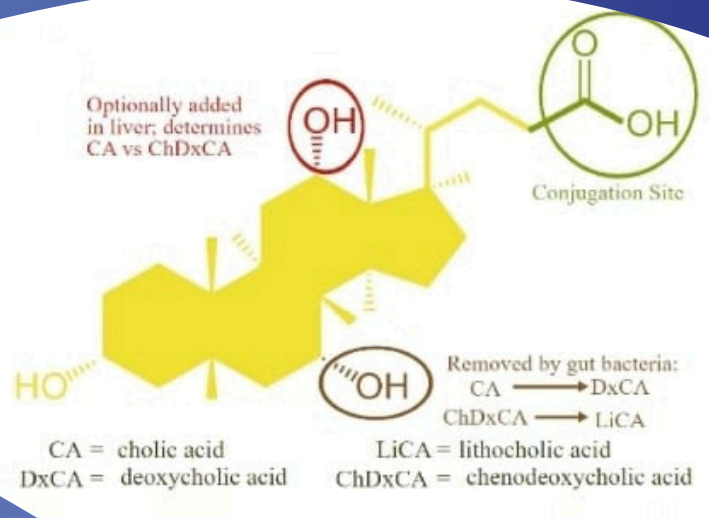


## STARTUP DESCRIPTION

The startup specializes in API process research and development, with a strong commitment to quality, research, manufacturing, regulatory compliance, and intellectual property. Bhisaj Pharma supports leading players in the Indian pharmaceutical industry, contributing to the development and manufacturing programs across various sectors, including Pharmaceuticals, Crop Sciences, Oncology, Nutraceuticals, Cosmeceuticals, Medicinal Chemistry, and Novel Chemical Entities. The company's primary objective is to offer affordable solutions and reduce dependence on Chinese and Korean companies for advanced intermediates and biological products, such as bile acids. These products are crucial in the synthesis of both expired and soon-to-expire Active Pharmaceutical Ingredients (APIs). Bhisaj Pharma aims to enhance the availability and affordability of critical components in the pharmaceutical industry, thereby supporting both domestic and international markets.







## ABOUT THE FOUNDER/CO-FOUNDER

Dr. Swapnil P. Sonawane holds a PhD from Pune University under the mentorship of Dr. Mukund K. Gurjar. With over 20 years of leadership experience at Dr. Reddy's, Lupin, Emcure, Uquifa, and Piramal, he has secured quality patents and published in journals like the American Chemical Society and Organic Process Research & Development. He also co-authored the book Protecting-Group-Free Organic Synthesis: Improving Economy and Efficiency, published by WILEY. Dr. Sagar P. Nehate earned his PhD in Chemistry from Manipal Academy of Higher Education and has over 20 years of research experience at Lupin Ltd. His expertise includes organic synthesis, API synthesis, process description, DOE study, QbD, impurity control, and polymorph screening. He has published numerous research articles in both Indian and international journals. Ms. Nilima Sonawane is a post-graduate in organic chemistry with over 5 years of professional experience in pharmaceutical sciences.

## POTENTIAL APPLICATION

The startup has developed technology to modify bile acid sources and introduce biocatalysis methodology, aiming to reduce reliance on bovine and pig bile concentrates in the market. The company envisions becoming a global innovator in pharmaceutical science. Currently, India imports bile acids worth 100 crore from China, Korea, and Brazil.

## MAJOR ACHIEVEMENTS

The company has been recognized by India Pharma Outlook as one of the Top 10 research-driven manufacturing companies.



# Metamorphic Foods Pvt. Ltd. (KleverMeat)

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

DR. SWAPNIL KAMBLE AND NITHAN SHETTY

## INNOVATION FOCUS

BIOENGINEERING

## TYPE

PRODUCT

## STAGE

IN PIPELINE

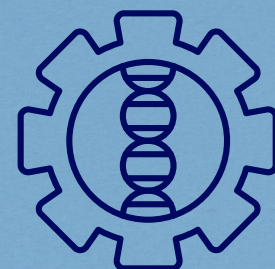
## STATE/UT

MAHARASHTRA



## STARTUP DESCRIPTION

By 2050, the global population is anticipated to reach 10 billion, significantly increasing the demand for seafood, which is projected to more than double. To address this challenge, Klever Meat (Metamorphic) is pioneering the development of cell-cultured or cultivated seafood. This innovative approach leverages cellular biology to produce seafood that is not only healthy and delicious but also sustainable. By growing seafood from cells in controlled environments, Klever Meat aims to reduce the environmental impact of traditional seafood production, such as overfishing and habitat destruction. This method also ensures a consistent and high-quality product, free from contaminants and ethical concerns associated with conventional fishing practices. With its commitment to sustainability and health, Klever Meat is at the forefront of transforming the seafood industry, meeting the growing global demand while protecting marine ecosystems and promoting a more sustainable future.





**KLEVERMEAT**

**Cultivated Sea Foods  
Made From Fish Cells**



## ABOUT THE FOUNDER/CO-FOUNDER

Nithin Shetty is a Chartered Accountant with broad industry experience. He has managed an FMCG business with 15,000+ outlets across India, Nepal, and Bangladesh and has served as CFO in healthcare, foodtech, logistics, manufacturing, and SaaS for over 6 years. His management consulting includes business strategies, process setup, fundraising, and IPO preparation. His expertise in seafood-based B2B startups is particularly beneficial for Klever Meat's supply chain and logistics. Dr. Swapnil Kamble, a PhD in Biotechnology, is a leading expert with extensive publications and consulting experience for healthcare startups like Oncocur India Pvt. Ltd. and Nuimance Phytovigyan Pvt. Ltd. He has been a key speaker at conferences and contributed to biotech innovations such as BRECAN and BRECAN PLUS, highlighting his significant impact on advancing biotechnology and healthcare.

## POTENTIAL APPLICATION

The founders, a Chartered Accountant and a PhD in Cell Science, joined forces after meeting at an alternative protein summit. They are pioneering a new approach to seafood production to address the anticipated demand of 10 billion people by 2050. Their innovative method promises healthier seafood free from toxins and contaminants, while also promoting healthier oceans through production in closed, animal-free systems.

## MAJOR ACHIEVEMENTS

Winner of Indian Smart Protein Challenge 2021. Backed by Better Bite Ventures, Singapore.



<https://www.klevermeat.com/index.html>



<https://www.linkedin.com/company/klever-meat?originalSubdomain=in>





# Neuranics Labs

## INCUBATED AT

AIC - CCMB

## FOUNDER/CO-FOUNDER

PRAVEEN KUMAR

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

IN PIPELINE

## STATE/UT

DELHI



## STARTUP DESCRIPTION

Neuranics Lab Pvt. Ltd. is at the forefront of revolutionizing diagnostics by merging artificial intelligence with blood data analysis. Their groundbreaking AI-based diagnostic platform is designed to transform healthcare by enabling rapid disease detection, with reports generated in under 10 minutes. This innovation not only streamlines processes by removing the dependency on skilled technicians but also facilitates early diagnosis, potentially saving countless lives globally. In collaboration with esteemed medical institutions like AIIMS, New Delhi, Neuranics Lab is dedicated to enhancing diagnostic capabilities and extending sophisticated healthcare to peripheral centers. Their mission embodies a significant shift towards faster, more accessible healthcare solutions, setting new standards in the diagnostic industry worldwide.





## ABOUT THE FOUNDER/CO-FOUNDER

Praveen, a graduate of IIT Delhi in Mathematics and Computing, has a deep passion for leveraging technology to solve healthcare challenges. After completing his studies, he joined the School of International Biodesign (Stanford India Biodesign) at AIIMS, where he identified a significant gap in diagnostic services. This led him to co-found Neuramics Lab. During the COVID-19 pandemic, Praveen contributed to national efforts by helping the Government of India (MEITY) develop the contact tracing app Corona Kawach/Aarogya Setu. His work reflects a commitment to improving healthcare accessibility and outcomes through innovative technological solutions.

## POTENTIAL APPLICATION

Neuramics Lab Pvt. Ltd. is revolutionizing healthcare with AI-powered diagnostics, enabling rapid and accurate disease detection in every clinic. Their technology delivers results in under 10 minutes, eliminating the need for specialized technicians and making high-quality diagnostics accessible globally, potentially saving countless lives through early intervention.

## MAJOR ACHIEVEMENTS

Neuramics Lab Pvt Ltd has been granted an Indian patent and has set up an ISO-compliant manufacturing facility. With a CDSCO test license, they've raised over ₹6 crore in funding. Their collaboration with AIIMS-New Delhi led to a completed academic study, and they've won the Tech30-YourStory and India-Sweden Innovation Challenge awards.

 <http://neuramicslab.com/>

 <https://www.linkedin.com/company/neuramics-lab/>





# Reprosci Biosciences Pvt. Ltd. (Fertilator)

**INCUBATED AT**  
AIC - ISB ASSOCIATION

**FOUNDER/CO-FOUNDER**  
DR. RAVI SHANKAR SWAMY AND VIJAYGOPAL R.

**INNOVATION FOCUS**  
BIOENGINEERING

**TYPE**  
PRODUCT AND SERVICE

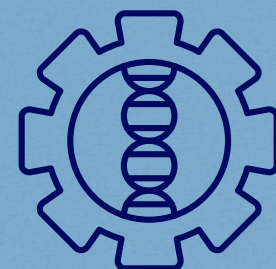
**STAGE**  
COMMERCIALIZED

**STATE/UT**  
KARNATAKA



## STARTUP DESCRIPTION

Fertilator (Reprosci) revolutionizes medical training, especially in the fertility super-specialty, by incorporating cutting-edge technologies like AI, XR, and haptic systems. This innovative platform offers a state-of-the-art, immersive learning experience designed to meet the evolving needs of modern medical education. With a focus on AI-driven personalized learning and advanced image processing, Fertilator tailors the training to each user's specific needs, significantly boosting the efficiency and effectiveness of the educational process. This approach ensures that medical professionals receive highly customized and practical training, preparing them better for real-world scenarios in the rapidly advancing field of fertility.







## ABOUT THE FOUNDER/CO-FOUNDER

Mr. Vijaygopal Rengarajan is the Founder & CEO of Reprosci, a multi-award-winning entrepreneur with over 25 years of experience in translational research and running impactful startups. He co-created 'Path to Parenthood,' India's first public awareness event on reproductive healthcare, positively influencing thousands through his innovations.

Dr. Ravi Shankar Swamy, the Co-founder and Chief Medical Officer of Reprosci, is a distinguished Clinician, Researcher, Investor, and Entrepreneur with a specialization in neonatology. He is also affiliated with Imperial College Healthcare (NHS Trust, London) and Manipal Hospital, Bengaluru, while leading his startup efforts.

## POTENTIAL APPLICATION

Fertilator transforms fertility training by integrating AI, XR, and haptic systems to create an immersive, personalized learning experience. This cutting-edge platform tailors education to individual needs, enhancing the efficiency and effectiveness of training, and better preparing medical professionals for real-world scenarios in the rapidly evolving field of fertility.

## MAJOR ACHIEVEMENTS

The product prototype, tested and validated by over 1,200 clinicians and researchers globally, received the MEITY META XR Accelerator Grant for 2022-23. Officially launched at the Bengaluru Tech Summit 2023 by Karnataka's Honorable Minister of IT & BT, it has secured orders with deliveries set for August 2024, raising USD 1 million from Desai Ventures.



<https://www.reprosci.health>



<https://www.linkedin.com/company/reprosci/>



# Curem Biotech LLP

## INCUBATED AT

AIC - IISER PUNE SEED FOUNDATION

## FOUNDER/CO-FOUNDER

CHINMAY PATWARDHAN AND SAIKRISHNAN KAYRAT

## INNOVATION FOCUS

DIAGNOSTICS

## TYPE

PRODUCT AND SERVICE

## STAGE

MVP

## STATE/UT

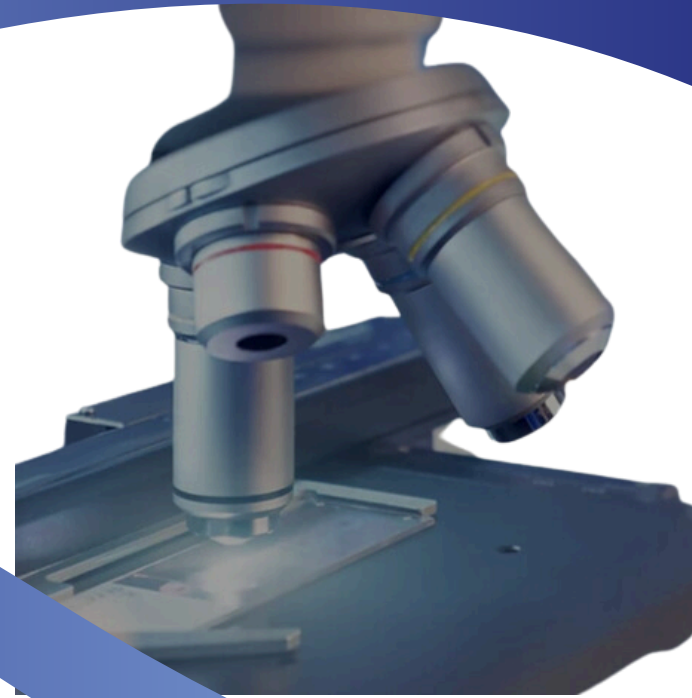
MAHARASHTRA



## STARTUP DESCRIPTION

Curem Biotech LLP is committed to improving healthcare accessibility and reliability through AI-assisted diagnostic solutions. The company focuses on making diagnostics more efficient, affordable, and reducing the time and cost of microscopy-based disease diagnostics by 10x. Curem is developing a portable diagnostic device that automates microscopy and image analysis for quick and precise results. Founded in 2021 by a team of students from the Indian Institute of Science Education and Research (IISER) Pune, Curem is the first student-led startup incubated at AIC IISER Pune SEED Foundation. The startup has won awards like the iGEM Startup Showcase and secured funding from DBT and BIRAC





## ABOUT THE FOUNDER/CO-FOUNDER

Chinmay Patwardhan, an IISER Pune alumnus, is currently pursuing a PhD at NTNU, specializing in biotechnology with a focus on healthcare accessibility. During his BS-MS studies at IISER Pune, he co-founded Curem Biotech LLP, a startup dedicated to developing affordable healthcare solutions for underserved communities. His work is deeply influenced by Dr. Saikrishnan Kayarat, a Professor of Biology at IISER Pune, who has been a key mentor throughout Chinmay's academic journey. Dr. Kayarat's expertise and guidance have significantly shaped Chinmay's approach to research, innovation, and entrepreneurship in the field of biotechnology.

## POTENTIAL APPLICATION

Curem addresses traditional diagnostic limitations with portable, durable, and accessible products suited for remote areas. By integrating AI and ML, Curem's solution enhances accuracy and reliability while minimizing human error. It delivers precise results in just 10 minutes, all at a fraction of the cost of conventional diagnostics.

## MAJOR ACHIEVEMENTS

Curem has secured a BIRAC BIG grant of Rs 50 lakhs to support its innovative work. The company has also filed a provisional patent application (No. 202421039420) for its breakthrough technology titled "Microscopy-Based Portable Disease Diagnostics System." This advancement represents a significant step forward in making diagnostics more accessible and reliable.

 <https://www.curembiotech.com/>

 <https://www.linkedin.com/company/curem-biotech/>







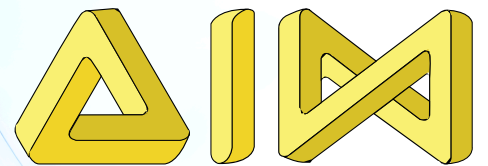






सत्यमेव जयते

**NITI Aayog**



ATAL INNOVATION MISSION