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# VEL TECH NIDHI PRAYASEE COMPENDIUM 2018 -2022

## Strategic Partners





Supported by



Square Comp Solutions Pvt Ltd

GaloreTx Pharmaceuticals Pvt Ltd

Embright Infotech Pvt Ltd

GreenPod Labs Pvt Ltd

Kaveri Aerospace (MSME-Partnership)

Blinkeyelabs Electronics Pvt Ltd

Microbolite Research and Development Pvt Ltd

SCERMLIND Healthcare Pvt Ltd

Okulo Aerospace Pvt Ltd

JK Technologies (Partnership Firm)

Garage Valley Pvt Ltd

Jeshron Biotech Solution Pvt Ltd

Insculpt Technologies LLP

Medcuore Medical Solutions Pvt Ltd

Thremear Pvt Ltd

Brainbuds Healthcare Pvt Ltd

Samyama Sahyadri Tech LLP

Go Thrive Technologies (OPC) Pvt Ltd

Ayusla Pvt Ltd

Regenco Innovation Pvt Ltd

PureScan AI Pvt Ltd

Charge It Up (MSME - Proprietary)

O Print (MSME-Partnership)

Newtons Apple Security Solutions LLP

Electric Solar Vehicle (MSME-Partnership)

Smart Dustbins (MSME-Proprietary)



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Fearless Thinkers (MSME-Partnership)

Laks Handloom Creations (MSME-Proprietary)

Medblue Innovations Pvt Ltd

Biomed Implants and Research Technologies LLP

Indagatus Solutions Pvt Ltd

Haastofix (MSME-Partnership)

Virtual Sapiens (MSME-Proprietary)

TAD Aircon Pvt Ltd

Abhaya 3CD Pvt Ltd

Anana Technology (MSME Reg)

IUVA Foods Pvt Ltd

Selfdot Technologies(OPC) Pvt Ltd

Finova Quadcopter Pvt Ltd

Pradco India Pvt Ltd

30M Genomics Pvt Ltd

Erkey Motors India Pvt Ltd

Inger Therapeutics Pvt Ltd

Afleq Automotive Pvt Ltd

B Aattral Bioscience Pvt Ltd

Deepta Food Products

inDERMA Medical Devices

BlinC Smart Homes Pvt Ltd

MICHA Life Sciences Pvt Ltd

Aparoks Tech Pvt Ltd

Atma Leather Pvt Ltd





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## VEL TECH - DST PRAYAS SHALA OFFERS DEDICATED FACILITIES FOR INNOVATORS / STARTUP'S / ENTREPRENEURS

### 3D PRINTING



STRATASYS F270 3D Printer to make Rapid Prototyping more Accessible and Productive. The option of up to three different materials along with easy-to-remove soluble support material.

- 305 x 254 x 305 mm build envelope
- 3 materials – ABS, PLA & ASA
- Grab CAD Print
- 4 slice heights (0.330mm, 0.254mm, 0.178mm & 0.127mm)
- 4 material bays
- Auto material change-over

### ELECTRONICS FAB



A large scale infrastructure that has electronic components and development kits suitable for prototyping such as

- LPKF ProtoMat E34
  - 1) Material size - 229 mm x 305 mm x 5mm
  - 2) Single- and double-sided printed
- PCB Software (Eagle)
- Keil Software (MDK-PRO-ED25 MDK-ARM Microcontroller)
- Micro controller programming tool (Xilinx Zynq Evolution kit)
- Digital Oscilloscope
- Learner Kit Board (Multipurpose Endurance Drone DIY Kit Pixha, 18DOF 6Legged Intelligent Hexapos DIY Project, 17DOF Humanoid Aluminium Frame DIY with 18 servo, Rapid Robot Platform for Robocon, Streak RC-All Terrain, All Terrain Robot, 6 wheel drive with Independent)
- 35 various Sensor modules
- Robotics Kits and other Electronic Accessories

### MANUFACTURING



The innovators to iterate their Ideas with help of digital fabrication facilities. The facility includes wide range of equipments like

- CNC Milling Machine
  - 1) Table size - 250 mm x 700 mm
  - 2) Travel- X-350mm, Y-200mm, Z-300mm
- CNC Router machine
  - 1) Table size - 600 mm x 600mm x 100mm
  - 2) Software- Mach 3

## VEL TECH - DST PRAYAS SHALA (To enable translation of an innovative idea to prototype)

Vel Tech - Nidhi Prayas facilities the innovators / startup's to enable translation of an innovative idea to a prototype. These facilities provide a platform for faster experimentation, modify approaches in the idea to market journey and generate innovative solutions relevant to the local and global problems.

The priority areas for supporting innovations under NIDHI PRAYAS program are

- |                 |                            |               |                          |
|-----------------|----------------------------|---------------|--------------------------|
| ■ Manufacturing | ■ Energy                   | ■ Agriculture | ■ Water                  |
| ■ Healthcare    | ■ Internet of Things (IoT) | ■ Clean-tech  | ■ Other technology areas |

## TEAM



**Dr. P. Chandrakumar**  
Head – Prayas Centre



**Ms. Nilofar Nisha A**  
Manager



**Mrs. Lavanya**  
Asst. Manager





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## Vel Tech Technology Incubator – Vel Tech TBI

Vel Tech TBI (Technology Business Incubator) enables technology embedded and innovation powered start-ups to survive and scale across a wide-spectrum of thrust areas with funding, infrastructure, mentorship, industry networking, resources and training.

### Impact

51

Companies  
Formed

₹  
2.74  
Cr

Revenue  
Generating

₹  
6.95  
Cr

Fund  
Raised

38

IP  
Generated

171

Employment  
Generated



# Square Comp Solutions Private Limited

## Project Description

- Virtual Reality based technical training solution to Manufacturing Companies for the up skilling and re-skilling of their workforce.

## Achievements

- Selected in Top 100 startups Globally by Startup Grind in partnership with Google for Entrepreneurs in the Global Conference held at Silicon Valley.
- Selected for a job growth based incentive tax credit amounting to \$494, 787 by the Colorado State Govt. USA.

## Founding Team



Srinivasan Yagnanarayanan  
Founder



Sriram Kesavan  
Co - Founder

**Domain** : Manufacturing

**Stage** : Early Traction

**Website** : <https://grahasvr.com>



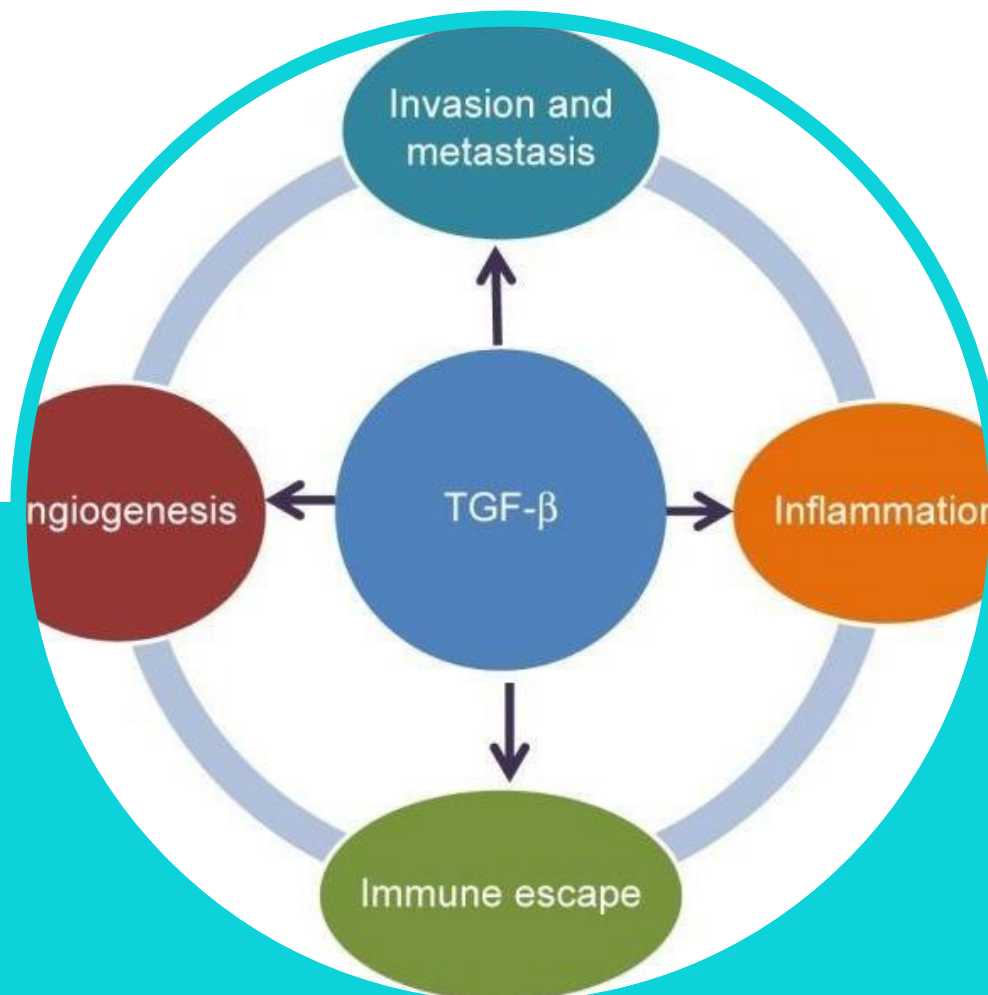
# GaloreTx Pharmaceuticals Private Limited

## Project Description

- Discovery of novel therapeutic small molecules for treating Cancer.

## Achievements

- Achieved in vitro proof of concept
- Provisional patent application filed



## Founding Team



Raghuveer K Ramachandra  
Founder



Chennakrishna Reddy Gundala  
Co-founder



Sasikumar P G  
Co-founder

**Domain** : Healthcare

**Stage** : POC Established

**Website** : <https://www.galoretx.com>



# Kaveri Aerospace (MSME-Partnership)

## Project Description

- Green Gas Welding Machine uses water as fuel, by electrolysis process the water is split into hydrogen and oxygen to lightup the torch. It is used for cutting and welding of sheet metals, and also used for glass polishing.

## Achievements

- Won best research award in IDAD 2020
- Raised three patents



## Founding Team



Singaravelan V  
Founder



Kirubakaran  
Co-Founder

**Domain** : Cleantech

**Stage** : Prototype Testing





# Blinkeyelabs Electronics Private Limited

## Project Description

- AI Powered IoT Automotive Safety Solution that aims at preventing distracted Driving.

## Achievements

- Part of Bosch DNA 2020 Cohort
- Winners of ELEVATE Karnataka Grant
- Winner - Altair Grand Challenge
- Winner - Data Innovation Bazaar (By Western Digital)

## Founding Team



Santhosh M  
Founder

**Domain** : IoT

**Stage** : MVP

**Website** : [www.blinkeyelabs.com](http://www.blinkeyelabs.com)



# Embright Infotech Private Limited

## Project Description

- Auticare XR AI Based Assistive Technology Learning Platform for supporting individuals with special needs and provides assistance for skill training in the areas such as cognitive, social, self-care, behavioral, pragmatic, speech & language, sensory, vocational, daily life skill and special education.

## Founding Team



Sathyanarayanan A R  
Co Founder, CEO



Bobin Chandra  
Co Founder,  
CFO

## Achievements

- Winner TMA ADANI Startup Award 2020
- Winner BIRAC BIG 15 Grant Dept of Science and Technology, Govt of India
- Investment: Raised Seed round of funding through IIMK Live Kozhikode
- Winner Jancare Innovation Challenge 2021
- Supernova Finalist at GITEX 2019 & Semi finalist GITEX 2021

**Domain** : Healthcare

**Stage** : Scale up

**Website** : [www.embrightinfotech.com](http://www.embrightinfotech.com)





# Okulo Aerospace Private Limited

## Project Description

- Long-Endurance Solar-Electric Drones for persistent monitoring and surveillance applications. These Solar-Electric Drones will be capable of flying for up to 8 hours in a single flight.

## Achievements

- Winners of Innovation for Defense Excellence (iDEX) Open Challenge 1.0, where the company has been granted an **equity free funding of ₹1.5 crores** to develop Long Endurance Aerial Surveillance Platforms for the **Indian Army**.



## Founding Team



Parithi Govindaraju  
Founder

**Domain** : Energy

**Stage** : Prototype/MVP

**Website** : [www.okuloaerospace.com](http://www.okuloaerospace.com)



# SCERMLIND Healthcare Private Limited

## Project Description

ATIUM helps sports organizations, high performance centers, and academies:

- Manage their athletes.
- Holistically track and monitor their training program.
- Gain intelligent insights to enable high-performance and develop elite athletes.

## Achievements

- **Launched** the product in Aug 2021
- Was selected to be a part of the **IA X JSW Sports Accelerator** program
- Awarded the **Best Athlete Management Platform** in **Global Soccer Conclave 2021**

## Founding Team



Murugesh Kumar S. K.  
Co-founder & CEO



Neelkanth Raju  
Co-founder

**Domain** : IoT

**Stage** : Revenue

**Website** : <https://www.atiumsports.com/>





# GreenPod Labs Private Limited

## Project Description

- A biotech based active packaging to extend the shelf life of fruits and vegetables during the transport and storage.

## Achievements

- Research grant from Start-up Tamil Naidu
- Amongst 30 start-ups to watch by INC42 Media
- Winner of Climate Launchpad, India Regional Finals
- First Runner up of Grand Idea Challenge of Indian School of Business Hyderabad
- Winner of Agritech Innovation Challenge 2 organised by Indian Agriculture Innovation (IAN) Network and Social Alpha (tata Trust and Bill Gates & Milinda Foundation)

## Founding Team



Deepak Rajmohan  
CEO/ Founder



Vijay Anand  
CBO

**Domain** : Agritech

**Stage** : Pilot Phase

**Website** : <https://greenpodlabs.com/>



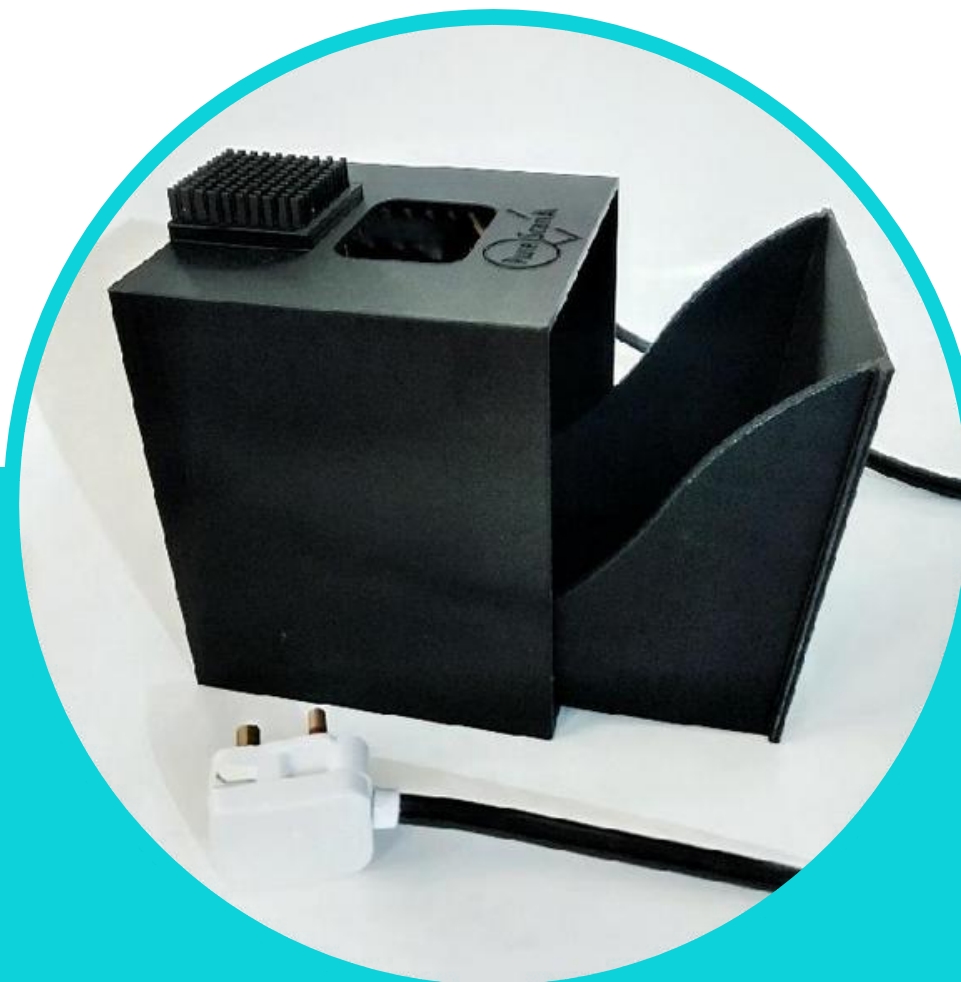
# PureScan AI Private Limited

## Project Description

- AflaScan, is an AI enabled device which replaces elaborate and expensive lab based testing with rapid (20 seconds), easy (anyone can do), portable and low cost testing. The device is connected to an android app which gives the results.

## Achievements

- Won the global CGIAR Inspire award 2020 with a grant award of 100k USD
- Part of the UN Food Systems Game Changers team for setting up action agenda for “Promoting Food Safety and Traceability”



## Founding Team



Manasa Gonchigar  
Co-Founder



Ayush Nigam  
Co-Founder

**Domain** : Agritech

**Stage** : Pilot

**Website** : [purescanai.com](https://purescanai.com)





# Jeshron Biotech Solution Private Limited

## Project Description

- Novel Bovine Teat cup is specially designed as a splash proof biodegradable cup which will prevent mastitis in dairy farms. It provides long-lasting barrier protection.

## Achievements

- BIG Grant Awardee for innovative Veterinary product and contribution to society



## Founding Team



Chitra. K  
Founder & CEO

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : [www.jeshronbiotech.com](http://www.jeshronbiotech.com)

# JK Technologies (Partnership Firm)

## Project Description

- The project aim to develop auto diagnosis of retina images for grading of Diabetic Retinopathy using Deep Learning Techniques.

## Achievements

- Product Displayed to CM, Andhra Pradesh Visit at Kadapa
- Progressing towards further development with tie-ups

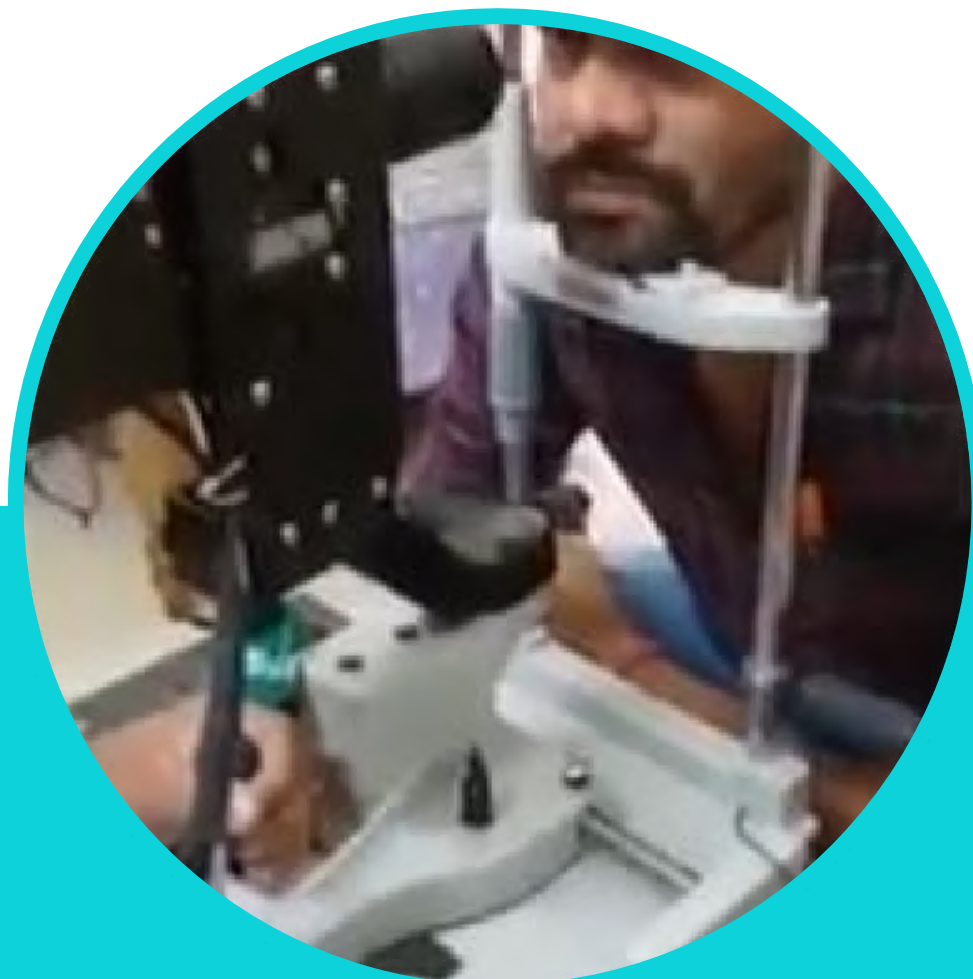
## Founding Team



Janakiram M  
Founder



Karthikeyan  
Co-Founder



**Domain** : Healthcare

**Stage** : Prototype





# Garage Valley Private Limited

## Project Description

- An automatic sanitizer dispenser is a device that dispense controlled amount of sanitizer, these are majorly used in public places to avoid direct conact.

## Achievements

- Supplied to many corporate offices in many states like Telangana, Karnataka, Andhra Pradesh,
- Hospitals and travels in Hyderabad.

## Founding Team



Rayala Yoganadh Sai  
Founder



Chunduru Sai Balaji  
Co-founder



K.Dhanush Kumar

**Domain** : Healthcare

**Stage** : Revenue Generation

**Website** : [www.garagevalley.in](http://www.garagevalley.in)



# Brainbuds Healthcare Private Limited

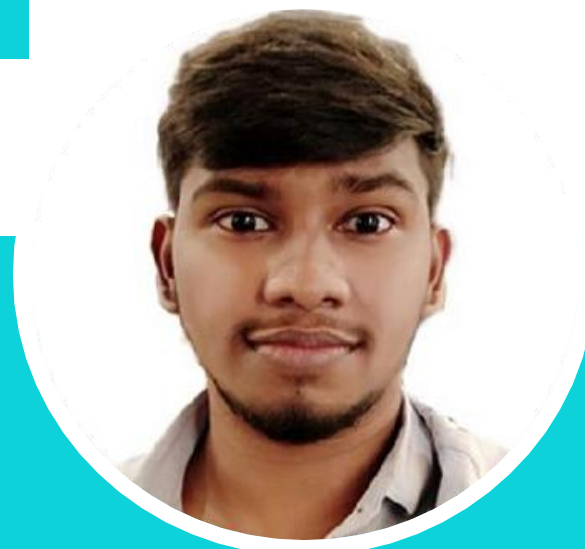
## Project Description

- The primary object of the present invention is to provide the ergonomically designed wheelchair for geriatric care
- One of the major problems faced in the healthcare field is shifting the patient from bed to wheelchair and vice versa is difficult.

## Achievements

- 1st Prize In Business model Presentation IIIT Allahabad
- RV Pitch Battle Winners
- IIC MOE Fund Of 8.7 Lakhs

## Founding Team



Sabariswaran.S  
Founder



Dinesh.T  
Co-  
Founder

**Domain** : Manufacturing

**Stage** : MVP/Early Revenue





# Insculpt Technologies LLP

## Project Description

- Developing hybrid STEM education resources based on activity based learning for age group 5 to 18 years.
- Products are being developed under various STEM domains such as AI, robotics, electronics, etc and being localized for accessibility & affordability to masses.

## Founding Team



Satyajit Jagtap  
Co-Founder



Ajay Bedwal  
Co-Founder

## Achievements

- Selected for Pune International Center's startup aid initiatives 2020
- Partnered with 3+ technical institutes for establishing excellence centers and innovation hubs



Domain : EduTech

Stage : Prototype

Website : <https://insculpt3d.com/>



# Samyama Sahyadri Tech LLP

## Project Description

- A privacy-aware, non-invasive, portable technique for Early detection of Breast Cancer using thermal imaging and artificial intelligence

## Achievements

- Top-5 startups in prototype stage in Startup Biz Pitch contest organized by World Konkani Centre
- Winners of Manipal MedTech hackathon 21

## Founding Team



Prajwal Shetty  
Founder



Johnson Tellis  
Co-Founder

**Domain** : Healthcare

**Stage** : Prototype





# Regenco Innovation Private Limited

## Project Description

- Project aims in developing 3D bioprinted full-thickness skin model with biocompatible hydrogel and skin cells to provide alternatives to animal testing models in cosmetic and pharmaceutical industries.

## Achievements

- Granted a patent for the development of our biocompatible hydrogel.

## Founding Team



Rudra Nath Ghosh  
Co-founder and  
CEO



Joseph Thomas  
Co-founder

**Domain** : Healthcare

**Stage** : Prototype

**Website** : [www.regeninno.com](http://www.regeninno.com)



# Medcuore Medical Solutions Private Limited

## Project Description

- SMART Oxygen Concentrator with Indoor Air Quality and Vital Sign Monitoring system. This is made with smart feature such as IoT Connectivity using Mobile App. It can be switched on/off remotely. Air Quality monitor is integrated to give regular alerts on PM2.5 PM1.0 PM10, Humidity AQI and Temperature.

## Achievements

- Received CE, FCC, ROHS and ISO 13485 Certification
- Established a steady customer base in Chennai for Oxygen Concentrator
- Prototype launched before TABIF Incubator

## Founding Team



Paul Pradeep J  
Founder & CEO



Udayakumar A  
Co-founder



Geetha B  
Co-founder

**Domain** : Healthcare

**Stage** : Validation

**Website** : [www.medicuore.com](http://www.medicuore.com)





# Thremear Private Limited

## Project Description

- Health issues such as PCOD, early menopause are linked with hormonal imbalances; which are undiagnosed until women have their symptoms show up, like irregular periods and fertility issues. Early diagnostics help to get proper medical treatment at the early stages of disorders. This product is affordable, comfortable, and efficient.

## Achievements

- Special recognition – Aarambam 6<sup>th</sup> edition 2020
- Second Prize – ‘The Pitch’ – Coimbatore Vizha 2021
- Start-up Mania 6.0 - Shortlisted for Bootcamp and Finals 2021
- INR. 25 Lakhs – as OCD from Start-up India Seed Fund Scheme

## Founding Team



Kalaiarasi. S  
Founder



Carlton Ranjith. W. A  
Co-Founder



Nandha Gopal. S  
Co-Founder

**Domain** : Healthcare

**Stage** : Prototype

**Website** : <https://www.thremear.com>



# Ayusla Private Limited

## Project Description

- Ayurveda Personalized Nutrition Companion an Ayurveda-driven smart watch to guide on personalized Ayurveda based dietary and nutrition using Ayusla's AI food-supplements recommendation system.

## Achievements

- Invited to deliver talk in Govt. Ayurveda College Guwahati and North Eastern Institute of Ayurveda & Homeopathy (NEIAH)

## Founding Team



Rishi Agarwal  
Founder &  
CEO



Ganesh Bagler  
CTO



Garima Chhabra  
COO



**Domain** : Healthcare

**Stage** : Prototype

**Website** : [www.ayusla.com](http://www.ayusla.com)





# Newtons Apple Security Solutions LLP

## Project Description

- N.A.T.A.S.H.A. is unique product designed for securing Home network. A single device to monitor, identify and mitigate cyber threats present in your home network. It is a Plug-and-play device and Does not require any special technical skills for setup / configuration.

## Founding Team



Mandar Waghmare  
Founder, CEO



Aishwarya Gore  
Co-Founder, CTO

## Achievements

- Recognized as a 'Top Placer' by the International Trade Council in the Go Global Awards 2021.
- Awarded "Best Cybersecurity Startup" by 10000 StartupsIndia in the StartupXchange Awards 2021.



**Domain** : IoT

**Stage** : Prototype/MVP

**Website** : [www.newtonsapple.in](http://www.newtonsapple.in)



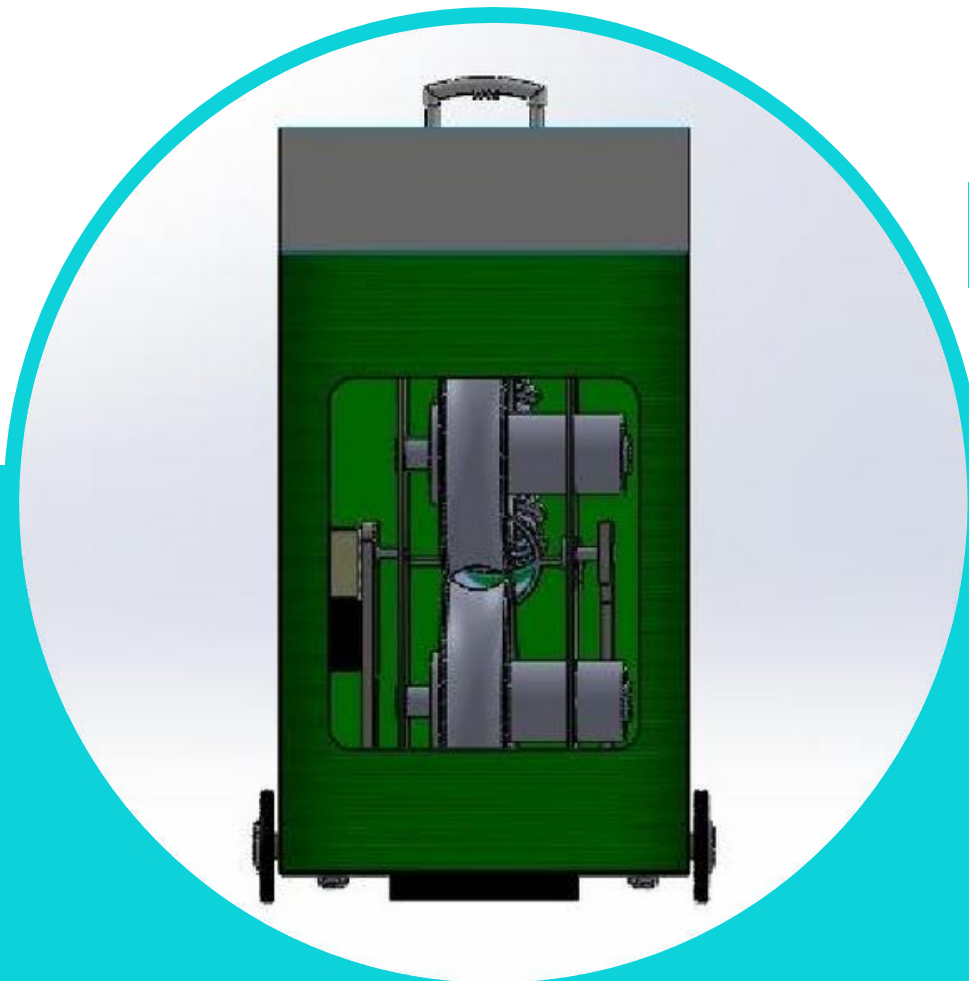
# Go Thrive Technologies (OPC) Private Limited

## Project Description

- The product is a Self-bowling tennis machine. According to the user's preference and game history, it features different spinning and serving methods that will be monitored and digitized when playing the game.

## Achievements

- Received Best Project presentation award from a National Conference



## Founding Team



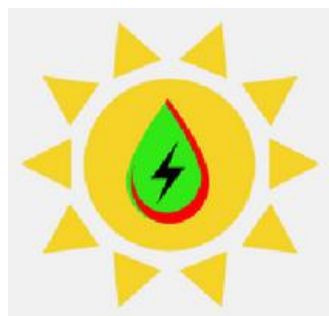
Nirosh Kumar H  
Founder

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : GoThrive.in





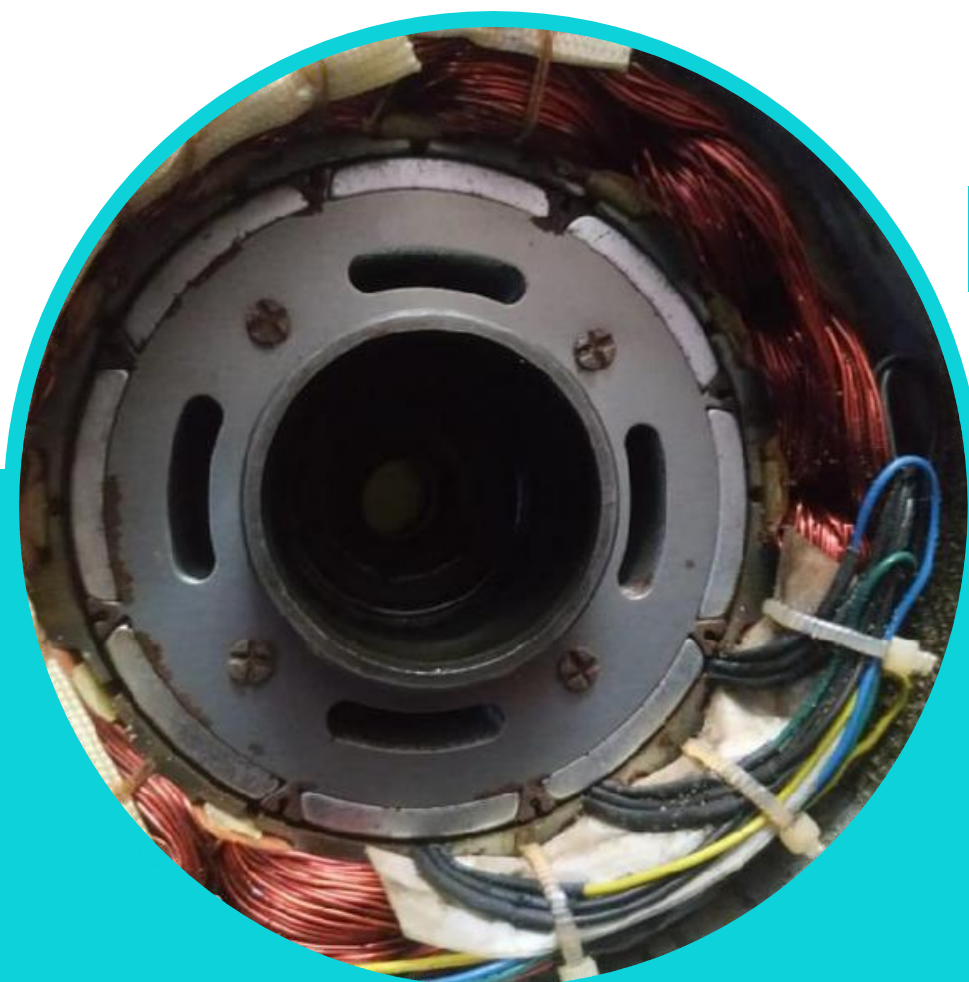
# Charge It Up (MSME - Proprietary)

## Project Description

- Improving Electrical vehicle range using auxiliary battery.
- The system were controlled by the device called CIU board.

## Achievements

- Won 1<sup>st</sup> place in NCRTPECA 2019.
- Supplying LI-ION , LFP Battery for EV manufacture company.



## Founding Team



Sravan kumar M  
Founder & CEO

**Domain** : Energy

**Stage** : Prototype

**Website** : [www.chargeitup.in](http://www.chargeitup.in)

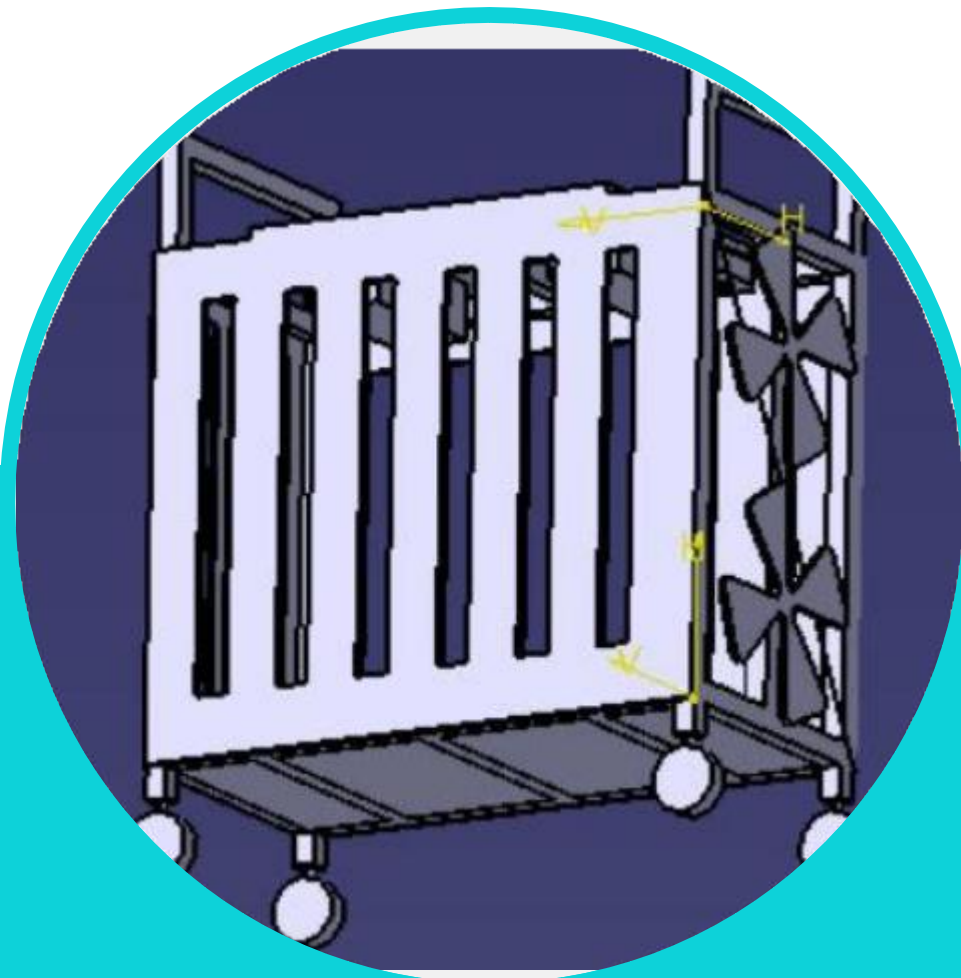
# Indagatus Solutions Private Limited

## Project Description

- The project aims at developing a smart inverter battery trolley for home inverters that can detect and warn acid leaks and aid in cooling the case in the event of temperature rise.

## Achievements

- Received Best Project presentation by National Conference



**Domain** : Energy

**Stage** : PoC

## Founding Team



Subramanian S  
Founder





# Biomed Implants and Research Technologies LLP

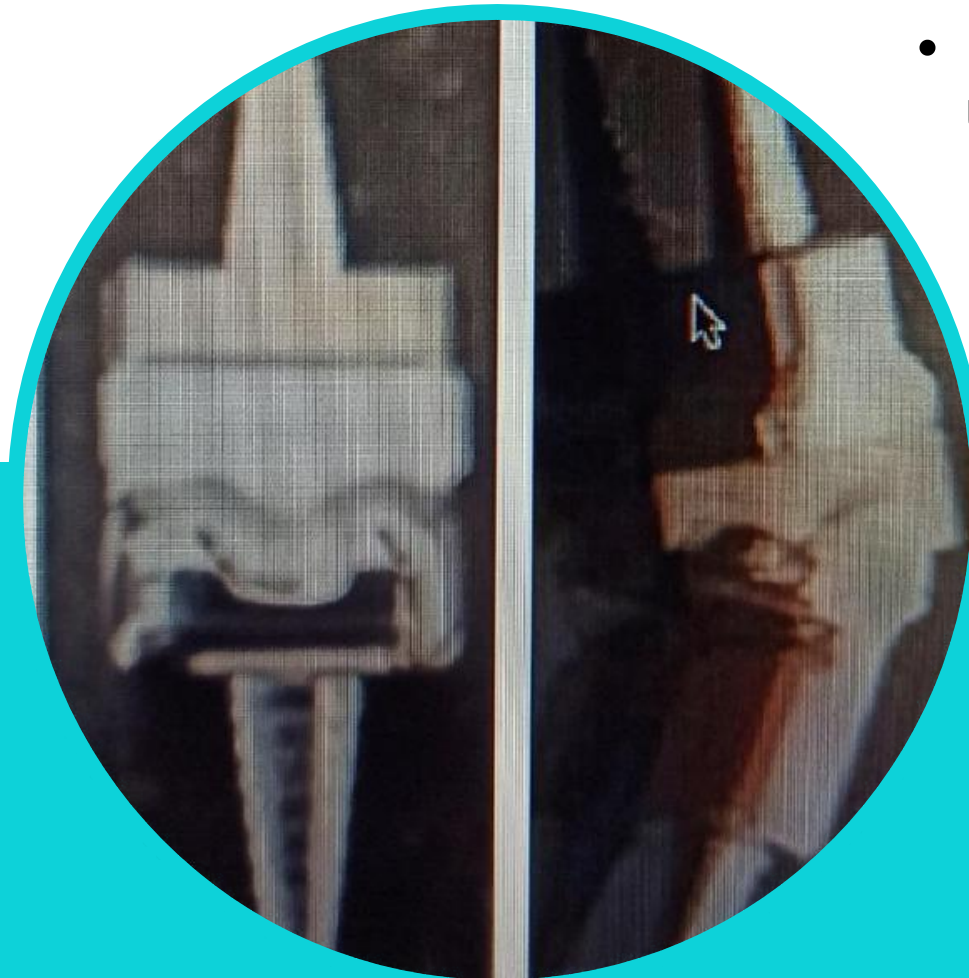
## Project Description

- Novel, Indigenous finger joint implants for the small joints of the fingers namely Interphalangeal and metacarpophalangeal joints for patients who have injured the joint due to an accident or disease process.
- Machined out of Medical grade titanium and ultrahigh molecular weight polyethylene.

## Achievements

- Received Best Innovative Idea from Pitching Event
- Filed 2 Patents

## Founding Team



Jasmine Shanthi Kamath  
Partner



Yash S Kumar  
Partner



Suneetha Dsouza  
Partner

**Domain** : Healthcare

**Stage** : Prototype

**Website** : [www.biomedimplants.com](http://www.biomedimplants.com)



# Fearless Thinkers (MSME-Partnership)

## Project Description

- Bio-Combin is an innovative machine that uses all the Bio-Degradable wastes and converts into manure in a short time of less than a day. Wastes are directly thrown into the hopper and as per instructions we operate the machine and let it for a day, after a day we get a output manure.

## Achievements

- Won Best Project award in Inter College Project Competition
- Patent filed



**Domain** : Cleantech

**Stage** : MVP

## Founding Team



Aadhityaa S B  
Founder - CEO





# Laks Handloom Creations (MSME-Proprietary)

## Project Description

- This project mainly concentrates on **sustainable eco-friendly natural dyeing** on natural hand-woven fabric's/yarns. Our main objective is to provide color fastness, breathable & eco-friendly dyed fabric/apparel with unique designs.

## Achievements

- Patent filing application in process
- Received certification on natural fabric dye

## Founding Team



Lakshana Krishnan  
Founder

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : [www.lakshandloom.in](http://www.lakshandloom.in)



# O Print (MSME-Partnership)

## Project Description

- 3D printing with various plastics focusing on recyclable plastic.

## Achievements

- Selected as Sustainable development Idea in a National level Project Competition



## Founding Team



Rudresh Karn  
Founder

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : [Orpint.org.in](http://Orpint.org.in)



# Smart Dustbins (MSME-Proprietary)

## Project Description

- Smart garbage Monitoring System is used to reduce the pollution caused due to the overflowing of the garbage bin. The technology used is IoT.

## Achievements

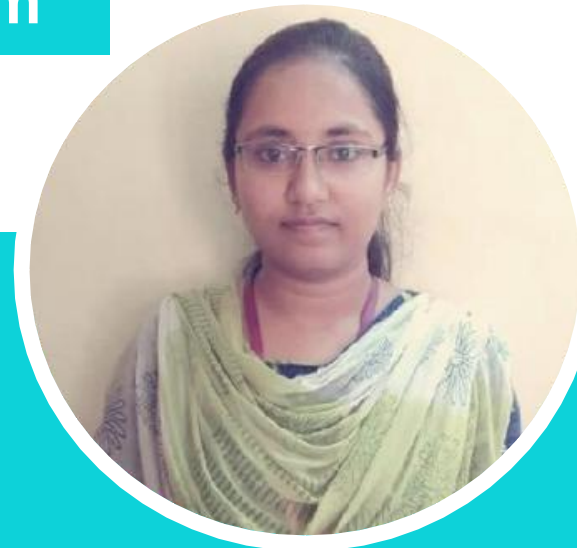
- Received Best Research Paper Award in a Conference Presentation



**Domain** : Cleantech

**Stage** : Prototype

## Founding Team



Hemalatha P  
Team Lead



Bandi Jaswanee



Pavani C



# Haastofix (MSME-Partnership)

## Project Description

- Design of Aquatic Drone incorporated with catamaran float having a payload capacity of 2kg to access remote water bodies.

## Achievements

- Received Best Project award from a Pitching Event
- Published research papers in a reputed journals



## Founding Team



Manova LM  
Founder

**Domain** : Manufacturing

**Stage** : Prototype



# Virtual Sapiens (MSME-Proprietary)

## Project Description

- Virtual Reality based teleportation robot for human's travel from one place to another without leaving their room.

## Achievements

- Semifinalist in XPRIZE ANA Challenge



**Domain** : Manufacturing

**Stage** : Prototype

## Founding Team



Kaviyarasu  
Founder



Arvind Kumhar  
Co-founder

# Electric Solar Vehicle (MSME-Partnership)

## Project Description

- A single seated electric vehicle that works on renewable source of energy.

## Achievements

- Received Best Project presentation by National Conference

## Founding Team



Preetha T S  
Team Lead



Jagadeeswari.N



Sushmitha A

**Domain** : Manufacturing

**Stage** : Prototype



# Microbolite Research and Development Private Limited

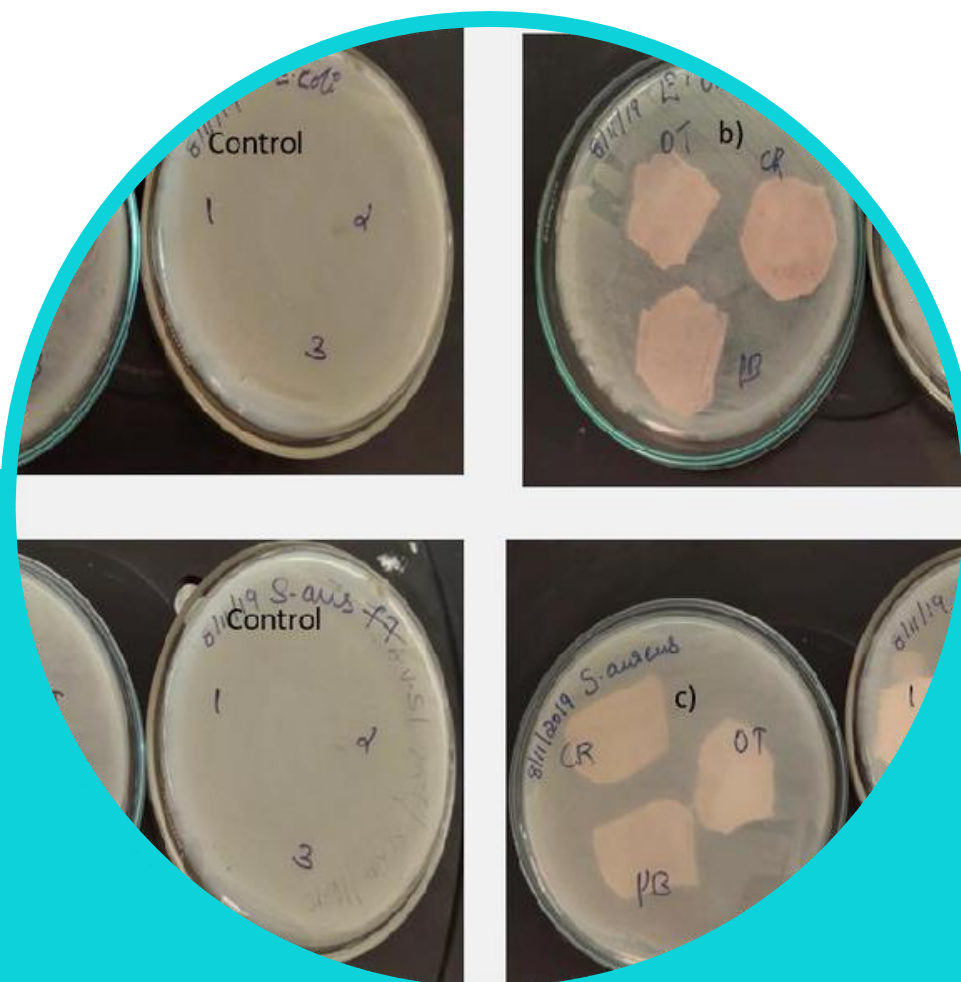
## Project Description

- Bioprospecting of microbial metabolite as antibacterial agent and its application on natural fibers for wound care material development.

## Achievements

- Winner of NIDHI EIR, 2020

## Founding Team



Reshma Ayswaraia  
Co-Founder and Director



Vineeth Vasu  
Co-Founder



Gisha Gopalan  
Co-Founder and Director

**Domain** : Healthcare

**Stage** : Prototype

**Website** : <https://microbolite.in/>



# TAD Aircon Private Limited

## Project Description

- Development of A Special Air Filter Assembly for Indoor Air Quality Improvement in an Excising Office Space.

## Achievements

- Winner of Startup Karnataka Elevate-2021
- Patent granted by IP India for Air filters

## Founding Team



Adrian Corneleo  
Founder CEO



Tejesh  
CTO



Ritesh  
Controls Manager

Domain : Healthcare

Stage : Testing

Website : [www.tadaircon.com](http://www.tadaircon.com)





# Abhaya-3CD Private Limited

## Project Description

- Wearable Male Incontinence Device – a non sterile, no reflux, externally worn, urine drainage and capturing device intended to be worn over by those prone to urinary incontinence.

## Achievements

- Got IIM K LIVE seed funding as CCD for Rs 30 Lakhs
- Developed jointly with IIT Madras and Sri Chitra Tirunal Institute for Medical Sciences and Technology.
- Vel Tech Start-up Jubilee award – Platinum Club 75

## Founding Team



Ramkumar M K  
Founder

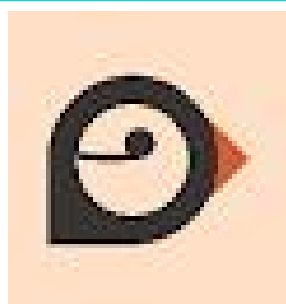


R Kumar  
Co-Founder

**Domain** : Healthcare

**Stage** : User Trials

**Website** : [www.capury.in](http://www.capury.in)



# IUVA Foods Private Limited

## Project Description

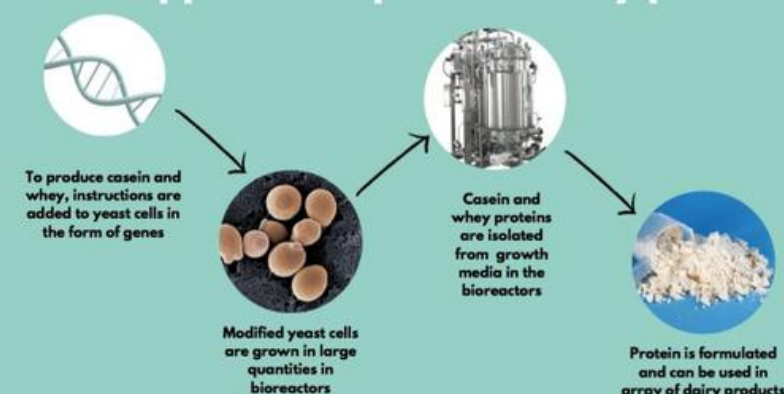
- We are developing recombinant dairy proteins in yeast cells using recombinant DNA technology and precision fermentation.

## Achievements

- We were the winners of Indian smart protein challenge hosted by Good Food Institute.
- We were a part of prestigious AIM PRIME program
- We were the finalist in Youth Co:Labs program hosted by climate collective

## Founding Team

### Precision Fermentation : An alternate and novel approach to produce dairy proteins



Shama Bhat  
CTO



Sourav Padhee  
CEO



Dr Jyoti Iyer  
Product Development  
Head



Dr Vihang Ghalsasi

**Domain** : Healthcare

**Stage** : Prototype

**Website** : <https://www.linkedin.com/company/iuvalife/>



## Project Description

- Non Clonable Printing rendering credible traceability in supply-chain, environmentally sustainable labels at reducing cost at same time. Bringing opportunities for Indian digital printing converters & helping them to establish footprint globally.

## Founding Team



Ashish Anand  
Founder

## Achievements

- Matured volume production Securing 600K USD Revenue
- Exported 65 millions tax stamps with 50% profit margin
- IP foot-print (post PCT national phase applications)
- Developed fully sustainable version as well
- Leveraging our digital print innovations - Made our clients realize India as Centre of Excellence & Mfg HUB for Low Cost Traceability Solutions



**Domain** : Healthcare

**Stage** : Prototype

**Website** : <http://www.selfDoT.in>



# Medblue Innovations Private Limited

## Project Description

- Affordable neonatal screening device. The device predicts the severity of the conditions like Jaundice and generates a prompt for time bound action.

## Achievements

- BIG BIRAC Awardee
- TSEC 2021 Top 10 Social Startups
- NBEC 2021 winner
- 1.5+ Cr raised



## Founding Team



Jitesh Pandey  
Founder



Mansi  
Co-Founder

**Domain** : Healthcare

**Stage** : Pilot Test

**Website** : [www.bilisure.com](http://www.bilisure.com)

# 30M Genomics Private Limited

## Project Description

- PNGScreen is a point-of-care platform for prenatal genetic testing. The product is aimed to be developed as the most simplest technology which can be even handled by unskilled technicians. The technology development process is in prototype stage.

## Founding Team

## Achievements

- Shortlisted for NBEC finals



PSKN Pavani  
Co-founder & CSO



Dhas BBD  
Co-founder & CEO



Yaswanth RK  
Co-founder & COO

**Domain** : Medical Device

**Stage** : Prototype

**Website** : [www.30mgenomics.com](http://www.30mgenomics.com)





# Finova Quadcopter Private Limited

## Project Description

- Aim to develop an In-wheel Outer Rotor motor to run at high speed/torque for a more extended period by designing the motor with a high heat dissipation rate compared to traditional hub motors.

## Achievements

- Nidhi Prayas—Rs. 5 Lakhs
- TEC Grant iCreate—Rs 2 Lakhs

## Founding Team



Dinesh Babu  
Founder



Simon Peter  
Lead Engineer



Murari Perumalsamy  
Business Advisor

**Domain** : Manufacturing

**Stage** : MVP Development



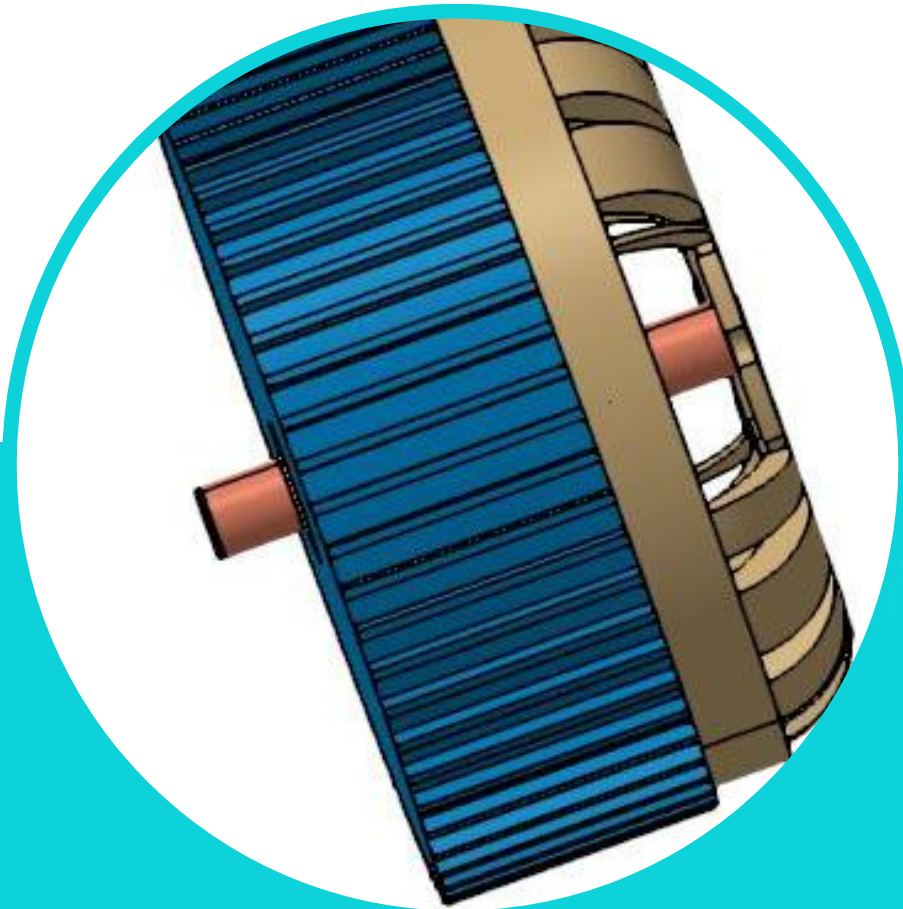
# Anana Technology

## Project Description

- Axial flux Motor, Embedded compact power drive for bldc motor, liquid cooling technology. With 48Vdc, rated power of 3kW, max speed of 5000rpm, rated torque of 10Nm, max efficiency of 90%.

## Achievements

- Nidhi prayas Rs.6 lakhs Grant



## Founding Team



Robin samson  
Founder

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : [www.ananatech.com](http://www.ananatech.com)



# Erkey Motors India Private Limited

## Project Description

- India's 1st safest electric motorcycle which is designed considering the Indian extreme road and weather condition has fire retardant FRP enclosed battery pack which is capable to with stand 450 Degree Celsius temp and shock impact.

## Founding Team



Arpit Chauhan  
Founder & CEO



Mulchand Dubey  
Co-Founder & COO



Heeramani Dubey  
Co-founder & Director

## Achievements

- Selected for Shark Tank India Season 2 (Awaiting to pitch to sharks)
- Winner at OPJU Nation Innovation Fest
- Top20 Startup at Altair Startup Challenge

**Domain** : Manufacturing

**Stage** : Validation Stage

**Website** : [www.erkeymotors.com](http://www.erkeymotors.com)





# PRADCO Private Limited

## Project Description

- An Electric Airless fluid handling and spray equipment that will solve the problems of painting contractors, labours and house residents from health hazards during chemical applications. It does work 5x faster along with saving High labour cost, 50% material wastage and 80% Time than brush, roller and air spray applications.

## Achievements

- Patented the Technology
- Nidhi Prayas Grant –6 Lakhs
- Won Tanseed 4.0
- Won First place at Pitch Fest 2023 held at Coimbatore

## Founding Team



Praveen Daas  
Founder & CEO



Prajna Daas  
Founder & CTO

**Domain** : Manufacturing

**Stage** : Prototype/MVP

**Website** : [www.pradco.in](http://www.pradco.in)



# Aparoks Tech Private Limited

## Project Description

- PAC DOC CARDIO TROPHY is a diagnostic device with a urine analyser strip to diagnose the presence of the proteins which are the biomarkers of heart diseases, via. Urine sample.

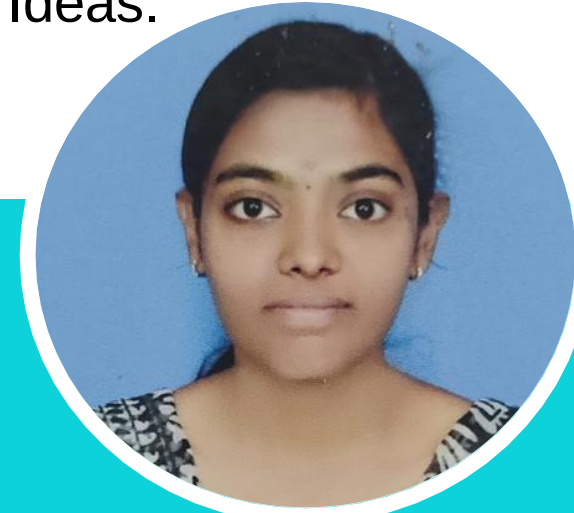
## Achievements

- Won STARTUP MANIA 7.0 Contest and had been shortlisted in the EUREKA 2022 Contest and cleared Round 2 organized by IIT, MUMBAI.
- Made to the top 33 startups in the SONIPAT STARTUP SUMMIT 2022 and selected in the Nidhi Prayas Grant - Rs. 4 lakhs
- PAC DOC CARDIO TROPHY had been shortlisted in the Innopreneurs Contest, 2022 organized by the Lemon Ideas.

## Founding Team



M Sriveera  
Founder



R T Deepika  
Co-Founder

**Domain** : Healthcare

**Stage** : Prototype



# Inger Therapeutics Private Limited

## Project Description

- Developing diagnostic kit for tuberculosis using Suprabody

## Achievements

- Funding from Nidhi Prayas (6.0L), TANSEED (10.0L) and Startup India Seed Fund (20.0L)
- Technology published in Nature Chemistry

## Founding Team



Dr. Bala Yeshwanth Ram V  
Founder

**Domain** : Healthcare

**Stage** : PoC

**Website** : [www.ingertx.com](http://www.ingertx.com)





# Afleq Automotive Private Limited

## Project Description

- Our product focus on last mile connectivity and cargo delivery, providing cheaper and efficient multi utility electric two-wheeler. A patented gearbox providing high towing capacity while also providing good top speed paired with safe battery pack for growing logistics of India.

## Founding Team



Dhanraj Sundaram  
Director & Co-Founder



Farvez Farook  
Co-Founder & Technology  
Head



Anirudh Baradwaj  
Co-Founder & Chief  
Researcher



**Domain** : Manufacturing

**Stage** : Prototype

**Website** : <https://afleq.com>



# B-Aatral Biosciences Private Limited

## Project Description

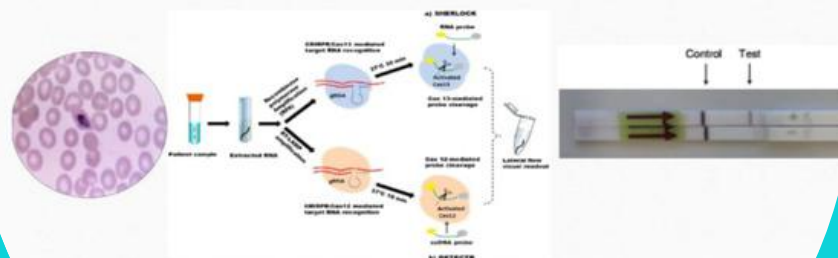
- To Develop a Crispr based diagnostic kit for infectious diseases

## Achievements

- Nidhi prayas awardee 2022

## Founding Team

### CRISPR Based Malaria Diagnostic kit



Dr. Anand Thirunavukarsou  
Founder



Dr. Raja Babu Singh Kushwah  
Co-Founder

**Domain** : Healthcare

**Stage** : Early stage

**Website** : <https://www.baatral.com/>



# Deepta Food Products

## Project Description

- Production of RTC,RTE Value added products from Ragi milk flour to solve the Calcium & Iron deficiency from Traditional grain Ragi.

## Achievements

- 2 lakhs grant from TN EDII-IVP,Voucher-A
- 4 lakhs grant from NIDHI PRAYAS

## Founding Team



A.Tamilselvi M.E.,  
Managing Partner



Dr.R.Ravikumar  
Managing Partner

**Domain** : Healthcare

**Stage** : Beta Customer

**Website** : [www.deeptafoodproducts.com](http://www.deeptafoodproducts.com)



## Project Description

- InDERMA Medical Devices has designed an integrated functional portable module interfaced with a user-friendly control unit to perform “hands-free” full body cleansing and drying functions for paralysed subjects.

## Founding Team



Dr. Anil Kumar Mavila  
Founder

## Achievements

- Designed in line with ISO 13485: 2016 QMS and IMDR 2017 guidelines
- Created a CLASS 7 & CLASS 8 Cleanroom cluster
- Established a seamless manufacturing process facility for commercial translation of the design



**Domain** : Manufacturing

**Stage** : Prototype/MVP

**Website** : [www.indermamed.com](http://www.indermamed.com)



# Atma Leather Private Limited

## Project Description

- Plant based leather made from banana crop waste. It helps to reduce the pollution and animal cruelty of the leather industry as well as the growing crop waste problem.

## Achievements

- We have developed our own plant based leather prototype in under 6 months.
- Filed a provisional patent for our material
- Working on pilots with 20 brands all over the US, Europe, UAE, and India.
- Won grants of ~\$50K and more in the process.

## Founding Team



Jinali Mody  
Founder



Kaushal Anil Sanghvi  
Co-Founder

**Domain** : Manufacturing

**Stage** : Prototype

**Website** : <https://atmaleather.com/>

# MICHA Life Sciences Private Limited

## Project Description

- The project deals with the development of enzymatic technology for the manufacture of Cefdinir

## Achievements

- 1. Recipient of IVP, EDII award of Rs 2 lakhs
- 2. Recipient of Nidhi Prayas award of Rs 4 lakhs

## Founding Team



Durairaj  
Founder



Ramachandran  
Co-Founder



Micheal  
Co-founder

**Domain** : Healthcare

**Stage** : Prototype

**Website** : [www.michalifesciences.com](http://www.michalifesciences.com)





# BlinC Smart Homes Private Limited

## Project Description

- Blinc offers revolutionary smart switches, plugs and wireless motion sensors that can be setup quickly with minimal overheads with latest protocol support and ultimate interoperability.

## Achievements

- Prize WINNER for the TOP 4 Entries in Rotary Synergy Pitch Fest 22
- Nidhi Prayas Grant support- 4 lakhs



## Founding Team



Ishwariya Senthilnathan  
Founder



Senthilnathan Sampath  
Co-Founder

**Domain** : Manufacturing

**Stage** : Prototype/MVP

**Website** : <https://www.blincsmart.com/>



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