



**VENTURE**  
C E N T E R



# VENTURE CENTER

*Seeding Tomorrow's Enterprises Today*

Incorporated as Entrepreneurship Development Center on 10 Jan 2007

# About Venture Center



## Supported by



## Mission:










To nucleate and nurture technology and knowledge-based enterprises for India by leveraging the scientific and engineering competencies of the institutions in the region.



## Key focus:

- ◆ Biotech/biomed/healthcare start-ups
- ◆ Materials science centric products
- ◆ Spinoffs from R&D organizations
- ◆ Energy/ environment ventures
- ◆ Social innovation & enterprises
- ◆ Inventive enterprises

# Who we are? How do we stand out?

- ◆ India's largest inventive enterprises incubator
  - ◆ Non-profit (Section 8 Co), independent org, respected board members. CREDAL Accredited NPO
  - ◆ Open to all. Sector agnostic but ecosystem aimed at startups with S&T strength
  - ◆ Hosted by CSIR-NCL; Approved by NSTEDB and BIRAC; Recognized by DSIR and DIPP
  - ◆ Charitable organization; Eligible for CSR support
  - ◆ First incubator in CSIR
-  Early stage, deep touch mentoring
  -  Rich ecosystem for technology innovation and inventive enterprises
  -  Scientific facilities for POC and prototyping
  -  Variety of funding options
  -  >30% startups have women founders
  -  Highly qualified founders
  -  IP backed startups
  -  IP Facilitation Centre – best IPFC in the country!
  -  Large number of events

# Venture Center in numbers



**75** residents startup  
and total **500+** startups/  
entrepreneurs supported  
so-far

**22000**  
sq ft of space for all  
incubatees

**₹ 340Cr**  
risk capital and funding  
mobilized in last 5 years

**75%+**  
startups with inventive  
products

**90%**  
incubatees at TRL  
A,B,C (Concept →  
POC →  
Prototype)

**85%**  
Startups are still  
active

**450+**  
jobs supported by  
startups every year

**₹ 90 Cr**  
revenue generated in last  
4 years

**>45**  
Graduates

**30%**  
Women founders

**9**  
NCL Spin off

**9**  
Resource  
centers

**85%**  
founder with  
PhD/MTech/MBA

**200+**  
events in  
FY2019-20

**>60**  
Unique families of  
patent filed

# Accolades



National Award for Technology Business Incubator, 2015



Asian (AABI) Incubator of the Year Award, 2018



National Entrepreneurship Awards 2019

# Board of Directors



**AK Nangia**  
CSIR-NCL



**HK Mittal**  
NSTEDB, GoI



**AT Kusre**  
IIT-B; ex-ICICI



**KN Ganesh**  
IISER-Pune/  
Tirupati



**Srikant Sastri**  
Co-founder  
Crayon Data



**Satya Dash**  
PATH; ex-  
BIRAC



**Premnath V**  
CSIR-NCL

# What We Offer?



## Advise and Mentoring:

Clinics, In-house mentors, Pitch decks, IP, Tech transfer, Regulatory, Finance & Compliance, HR



**Funding:** Grants, Seed Investments, Fellowships



**Tech commercialization support:** IP Facilitation; Regulatory Information and Facilitation



**Infrastructure** : Work & meeting spaces: Labs, Offices, Discussion room



**Scientific & Prototyping:** Plug-n-play labs, Analytical and in vitro test services, Tinkering lab, Prayashala, POC labs, Cleanroom, Mechanical, Processing, Electronics, Optics, Packaging



**Networks:** Peer-to-peer, Meet the Investor, Social innovators, Scientists-Engineers-Clinicians, Industry, Mentor Mixers



**Training, Branding and visibility:** Events, talks, training, workshops (>150+/y), Technology due diligence, Media



**Information:** Venture Center Library, Databases, inspiration, In-house ecosystem partners & service providers

# Unique Resource Centers



NIDHI Centre of Excellence



BIRAC BioNEST



IP Facilitation Center



TechEx.IN-Technology Transfer Hub under NBM



BIRAC Regional Bioinnovation Centre



Regulatory Information & Facilitation Center



Center for Biopharma Analysis under NBM



Library



Tinkering Lab & Prayashala; Cleanroom

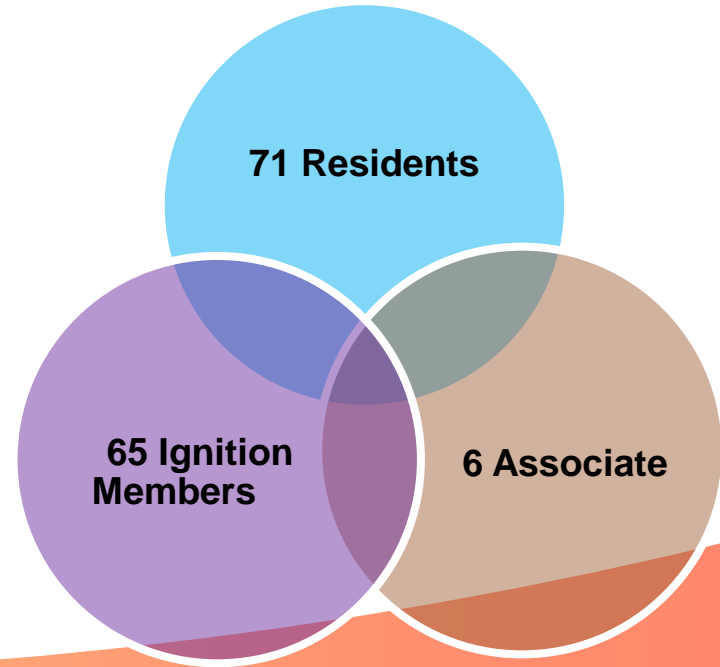
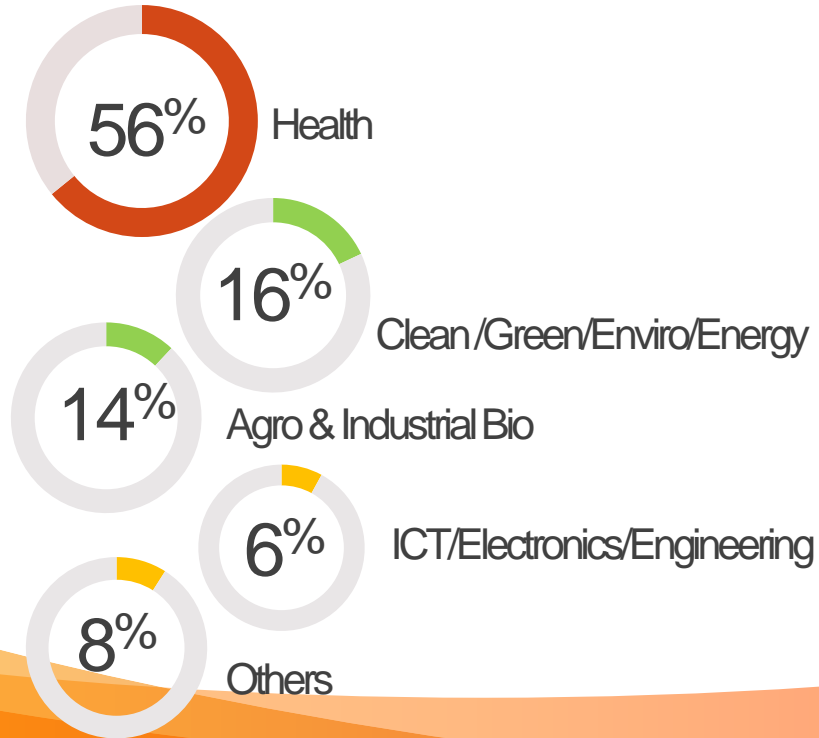


High end scientific equipment facilities



# Incubation Statistics

# Statistics: Current resident incubatees



# Clusters emerging at Venture Center

Healthcare: Diagnostics/Detection

Agriculture and Secondary Agriculture

Biopharma

Energy and Environment

Bio- IT

Bioprocess Engineering

Engineering and Electronics

Ecosystem Partners



# Success Stories: VC Incubatees

## MyLab Discovery



First-in-India approved indigenous RT-PCR and Antigen Test for COVID19

## Actorius Innovations and Research



ONCO  
DISCOVER  
Liquid Biopsy Technology

First-in-India CDSCO-approved Circulating Tumour Cell diagnostic solution

## Indius Medical Technologies



US FDA approved spinal implants

## Jeevtronics



World's first dual-powered, hand-cranked, bi-phasic external defibrillator

## Genrich Membranes



GENRICH  
Membranes Pvt. Ltd.



Unique "Hollow-fiber membranes" based, gas and liquid separation devices. NCL spin-off

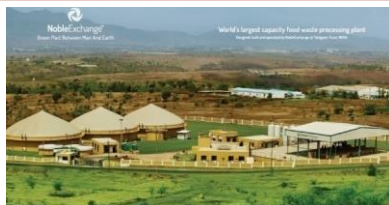
# Success Stories: VC Incubatees

## Green Pyramid Biotech



Biosynthesized biosurfactant-based fruit and vegetable cleaning and preservation solutions

## NobleExchange



First-in-India city-scale demonstration of organic waste conversion to BioCNG

## Fuma Labs



Crop waste management by converting agricultural waste to make materials for packaging and furniture applications



## Bioprime Agrisolutions



Helping farmers in ~15 states in India by providing certified organic, innovative, residue free next-gen patented agro-biological products for crop protection, crop nutrition and crop growth promotion.



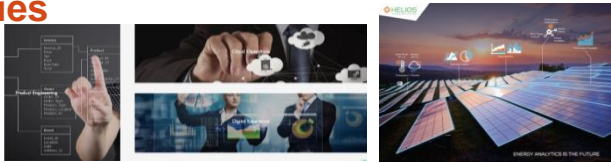
## Gram Oorja



Rural electrification -sustainable and community driven energy solutions. Reached 1000 villages,80,000 lives & 280 community level projects.

# Success Stories: VC Incubatees

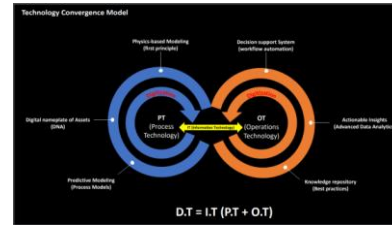
## Pratiti Technologies



Solar Plant Digital Twin \*

Unique offshore Software Product Development company in India with global operations that focuses on Social, Mobility, Big Data Analytics, and Cloud Computing) and IoT driven Digital Transformation.

## Tridiagonal Solutions



India's top Process Modelling & Simulation Experts

## FlytBase Labs



First-in-India software platforms for commercial drones

## Helium Consulting



Cutting edge software technology for the manufacturing industry



## Periwinkle



An ISO 13485:2016 certified national award-winning company that developed patented Smart Scope® CX a hand-held body cavity imaging device.

# Spin-outs

(Startups with potential equity gains for NCL)

# Spin-off companies from CSIR-NCL





# Glimpses of Facilities/Resources



Main Building- Front view



Bioincubator



Library



Meeting room



Shared Labs



Cell Studio



CAMS



Protoshop

# Glimpses of Events



Supported by: 

### IMMERSIVE TALKS

WITH WASTE TO VALUE INDUSTRY EXPERTS  
Overview of Business to valuable chemicals by  
Dr. Parash Dhaigude (Senior Scientist to Senior  
Scientist in Catalysis And Inorganic Chemistry  
Division at CSIR-NCJ)

(Thursday) 3 Oct 2020

Overview of Business to valuable chemicals

Dr. Parash Dhaigude  
Senior Scientist to Senior Scientist in Catalysis And Inorganic Chemistry Division at CSIR-NCJ

Total Attendees 54

Facebook LIVE

Two Day Online Immersion Program  
Incubation Practice School, Venture Center, Pune



Interactive Q & A Session

Supported by: 

### IMMERSIVE TALKS

WITH WASTE TO VALUE INDUSTRY EXPERTS  
Overview of Bioprocess engineering technologies  
in reducing waste and creating value by  
Dr. Sandeep Kumar (Managing Director, GAD Purapur  
Advanced Technologies)

(Thursday) 04 Sept 2020 | 4 pm - 5 pm

Business Engineering & Technologies in  
Reducing Waste and Creating Value

OPAT

President: Dr. Prakash Wadgaonkar  
LifeStyle: Dr. Mahesh Kumar

Total Number of Participants: 34

Organized by: 

### MENTAL HEALTH FOR STARTUP TEAMS

Entrepreneurship is good for the society: not for the entrepreneur.

October 3, 2020 | 11 AM

Mental Health for Startup Teams

Effective Entrepreneurs

HUSTLE

Effective Entrepreneurship



# Contributions to National Missions/ GoI Ministerial Missions



# Sustainable Development Goals supported by clusters at VC

