

Introduction to IKP Knowledge Park

- Not-for-profit Science Park and Incubator in Hyderabad, Bangalore
- Over 600 companies supported since 2000, including over 500 startups
- Over 320 projects funded through Grand Challenges Programs, Biotechnology Ignition Grant and Seed Funding Schemes
- Over 300 patents filed by IKP companies
- Life Science Incubator in Hyderabad, started in 2006, received BISS in 2011
- Started IKP EDEN in Koramangala, Bangalore, added BioNEST and NIDHI-TBI in 2017
- Satellite centres in Jalahalli (Bangalore), Mangalore, Mysore, Belgaum (2018)

PROMOTED BY



WITH SUPPORT
FROM



USAID
FROM THE AMERICAN PEOPLE

**BILL & MELINDA
GATES foundation**

Department
for International
Development



MSME
MICRO, SMALL & MEDIUM ENTERPRISES



20 years of creating TOMORROW!!!



Impact of 20 years

| | | |
|---|---|--|
| Companies & Innovations Supported 720 | Innovators Supported 8,000+ | Funding Innovations Funded: 380+ Funds raised: ~INR 280 Cr |
| Footprint 7 Cities 400,000 sft 200 Acres | Jobs Created 8,000+ Direct Jobs Indirect Jobs: 25,000+ | Investment Multiplier 25x Private Investment INR 2,500 Cr ----- on ----- INR 100 Cr from IKP |

Helping start-ups build world class products... faster



What we do



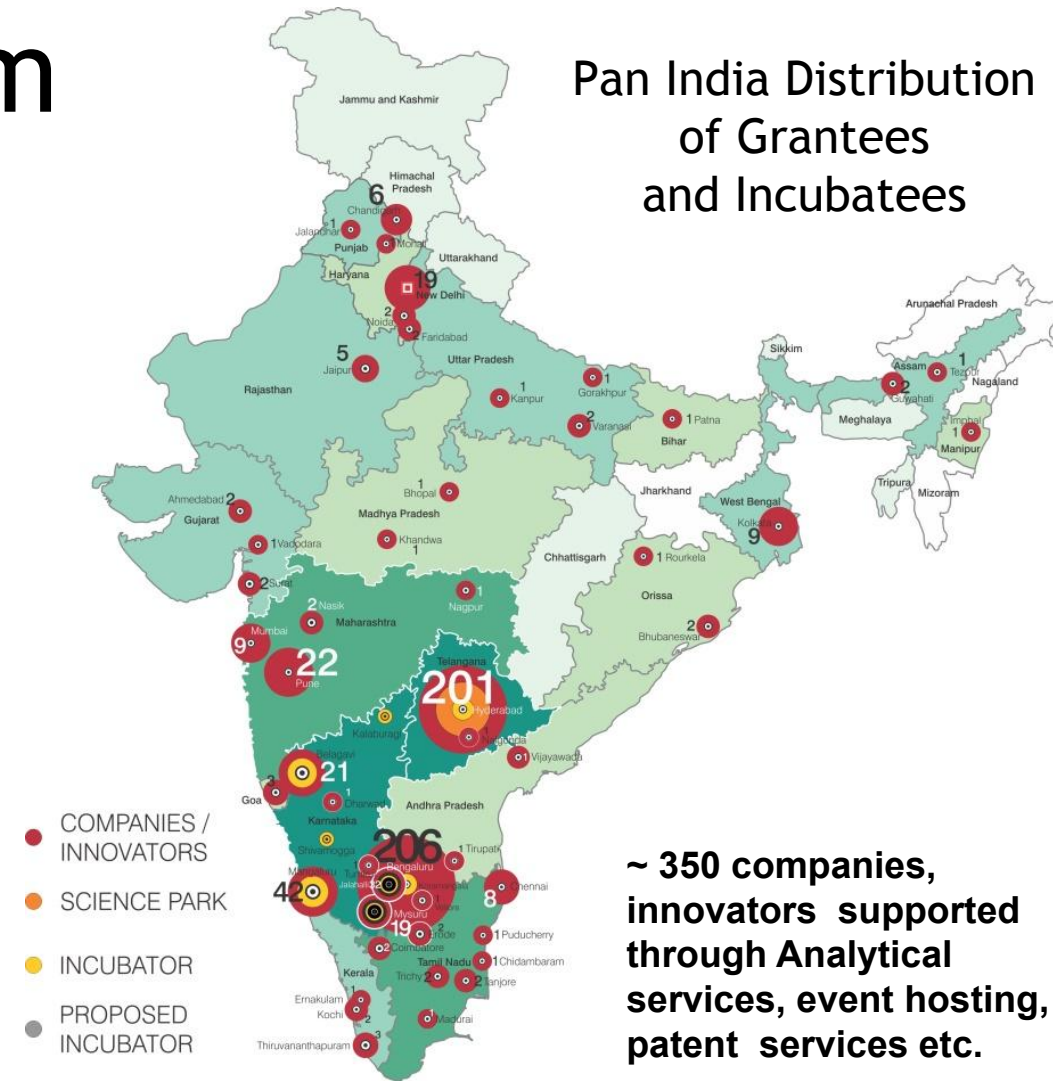
Advisors
&
Networks

Funding

Ecosystem &
Community

Prototyping
&
Bench Top
Testing

IKP Ecosystem

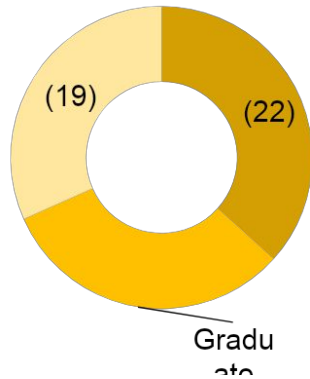


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Life Science Incubator - Genome Valley

Incubation Facility (2006)



Current
Incubatee: 11
Total: 71

2006

- Life Science Incubator – DST Supported
- 8 Modular Lab of 225 Sft (furnished) with shared equipment facility

2012

- Life Science Incubator-Bio-Incubator support scheme, BIRAC, DBT
- Unfurnished laboratory space of varying sizes (75 Sft to 225 Sft)

2013

- Analytical facility-Bio-Incubator support scheme, BIRAC, DBT



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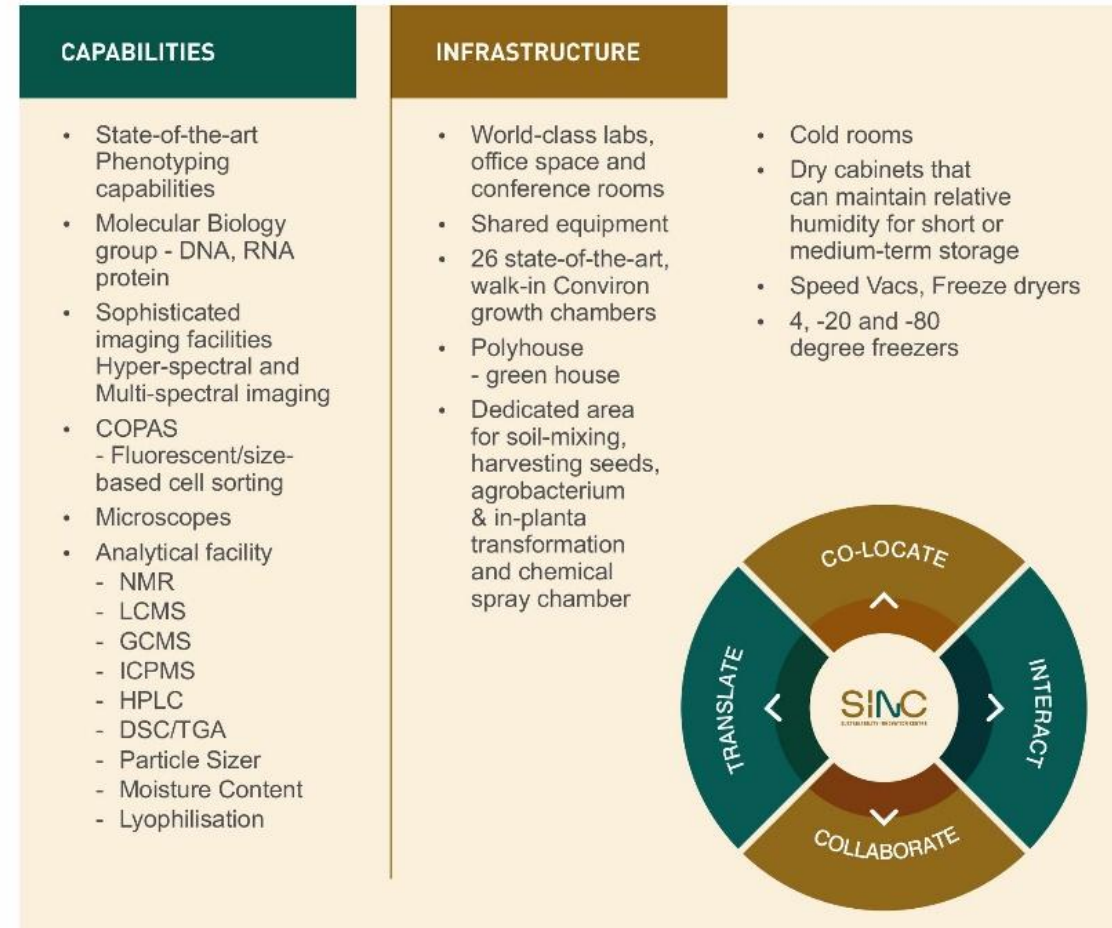
Sustainability Innovation Centre

SINC Building at IKP, Genome Valley, Hyderabad

- A 1,13,000 sft facility of DuPont acquired by IKP in 2019
- SINC features an **Agri-innovation-translation facility** and **Life Science Discovery Labs**.
- SINC offers world-class laboratory space, facilities, infrastructure and Technology Transfer Office (TTO) in an environment conducive for innovations, peer-learning, and collaborations.
- ***Best in India for Speed Breeding & Phenotyping capabilities***

Goals and Objectives

- Aims to be a Center of Excellence for Agricultural technology and plant phenotyping.
- Develop a network of experts to act as a 'Think tanks' for policy and ideas around future innovations



BUILD / MAKE (almost) ANYTHING - **IKP EDEN**



- Metal Prototyping
 - 5 micron accuracy - Vertical milling machine (Haas)
 - CNC Turning
 - Milling / Lathe / Welding
- Wood and Acrylic CNC
- Laser Cutting
 - 700W for Metal
 - 70 W for Acrylic / Wood / Soft materials
- Injection Molding, Vacuum Forming
- 3D printing
- Electronics Testing
- PCB Milling and SMT Pipeline
- Wet Lab for Molecular Diagnostics
- Design tools – SolidWorks, ANSYS, MATLAB, etc
- Office space, meeting rooms, etc



Success Stories (Part 1)



APIs for ARV Drugs

Went public in Dec 2016;
Current valuation of INR 8,000 Crore



Antimicrobial Resistance

Raised Angel funding



Remedio

Diabetic Retinopathy



Complex generic formulations



Cervical Cancer Detection



Medical Imaging AI / ML for oral, liver cancer



EverWell Health
TB Control



Sohum Innovation
Infant deafness



Windmill Health
Neonatal Resuscitation



Success Stories (Part 2)



Oncology screening Raised \$7 M follow on funding



Physiotherapy/rehabilitation Impact achieved in complicated cases across globe



Diabetes screening Successful academic entrepreneur



Labour monitoring Adoption by NHM for two districts in Karnataka



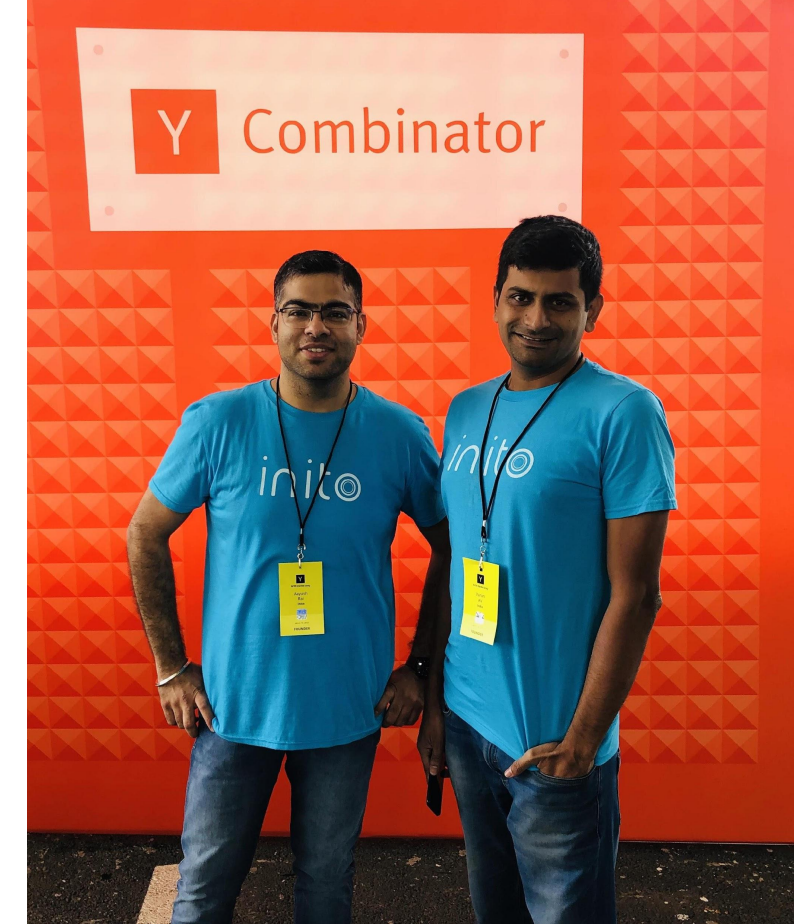
Diagnostics suite 450,000+ tests, 150,000+ lives touched 25+ tests in a box



Dozee Sleep monitoring Over 800 units sold till Mar 2019



Fertility tracking 7000 devices sold Over INR 16 lakhs revenue per month



Aayush Rai & Varun AV from INITO India's First medical device startup in *YCombinator, Spring Batch of 2019*





Thank You

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