

FUNDED BY GOVT OF KARNATAKA AS
A SPECIALITY INCUBATOR WITHIN SID

GREAT STARTUP STORIES IN NANOTECHNOLOGY BEGIN HERE

The logo for INCENSE, featuring the word "INCENSE" in a bold, white, sans-serif font. To the left of the text is a stylized graphic element consisting of several horizontal lines of varying lengths, creating a sense of motion or a digital signal.

WHO ARE WE

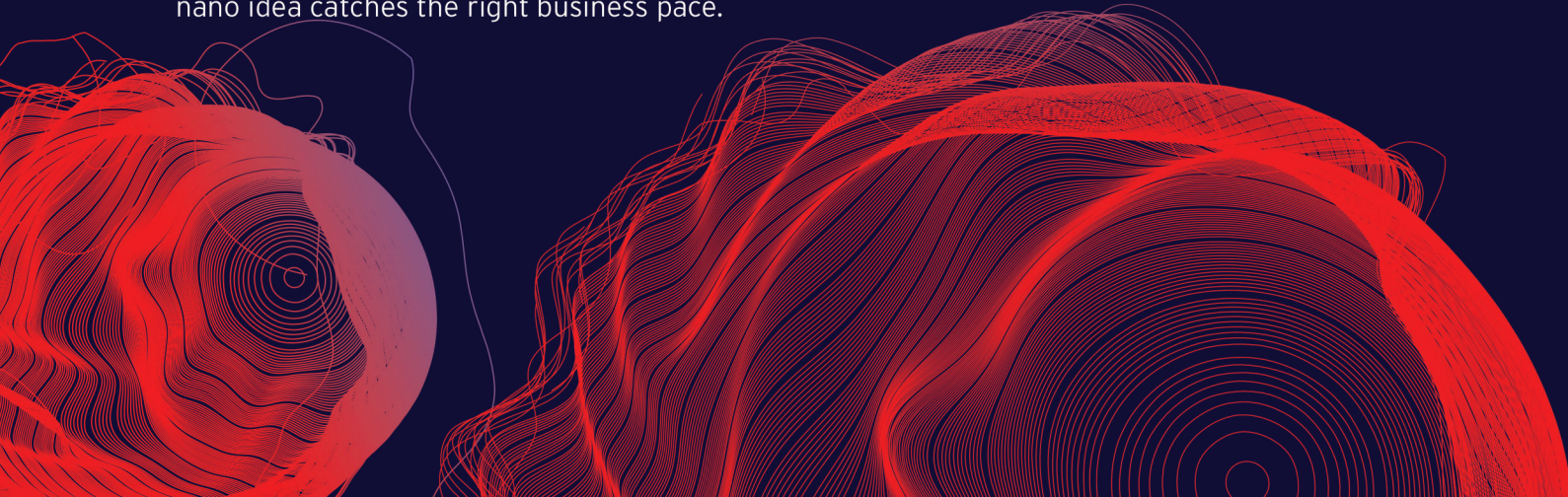
FROM LAB-TO-MARKET: INCeNSE PROVIDES THE BEST LAUNCHPAD

With the birth of every great idea is also born the challenge of translating that idea into a market ready product. Access to deep resources, ace acceleration programs and an innovative community of experts is at the heart of any successful transformation.

Funded by the Govt of Karnataka and birthed and housed at the Centre of Nanoscience and Engineering, INCeNSE provides the best incubation for startups in nanotechnology and deep science.

INCeNSE is a specialised incubator focused on nanotechnology and other deepscience & interdisciplinary technical areas requiring advanced characterisation facilities, access to clean room and other specialised infrastructure.

Access to state-of-the-art labs and fabrication facility that are teeming with the best technologists and faculty with deep domain knowledge will ensure the journey of your nano idea catches the right business pace.



OUR OFFERINGS

COMBINATION OF LAB INFRASTRUCTURE AND SERVICES

INCeNSE provides access to lab facilities at Centre for Nano Science and Engineering (CeNSE) for prototype development, including fabrication, characterization, assembly and packaging, system development.

The centre has been built around three central facilities:

THE NATIONAL NANO FABRICATION CENTRE (NNFC)

THE MICRO AND NANO CHARACTERIZATION FACILITY (MNCF)

THE SYSTEMS ENGINEERING FACILITY & PACKAGING FACILITY (SysEF&P)

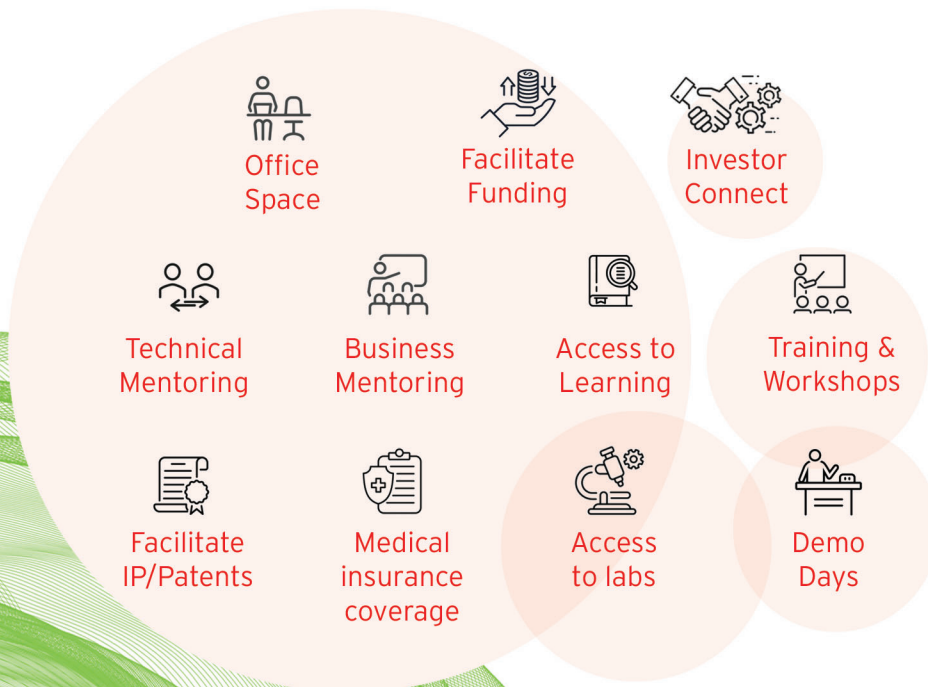
All these are national user facilities, i.e. they are accessible to outside academic and industrial users. Supporting the central facilities are the MEMS and IC Packaging and many other functionally distinct laboratories managed by various research groups.

OUR OFFERINGS

SERVICES

The best of infrastructure (workspace, meeting rooms, labs, broadband, telephone, IP support, mentors etc.) is offered for the first twelve months. To deserving incubatees, access to CeNSE facilities is provided at special rates, even beyond the first year.

OFFERINGS FOR INCUBATEES



HOW TO APPLY

3 STEP PROCESS TO APPLY

To apply: Visit <https://tinyurl.com/INCeNSE-Application>

Incubation at INCeNSE is a 3-step process described below

- **Expression of Interest**

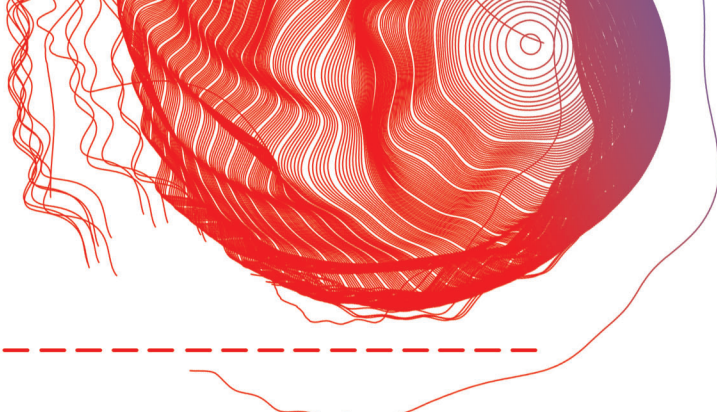
In this step applicant(s) will express their interest in incubation at Incense by sharing preliminary information about team, problem and role of technology in the proposed solution. These details are reviewed by INCeNSE team to determine whether to proceed with the next step of technical/IP due diligence

- **Technical/IP Due Diligence**

In this step, based on the technical information provided, a faculty/expert identified by the INCeNSE team will connect with the applicant to understand the technical details, relevance to CeNSE and evaluate the feasibility of the proposal. Based on the expert feedback, INCeNSE team will determine whether to proceed with the next step of review by the selection committee.

- **Review by Selection Committee**

At this stage, applicant will provide more details about startup, technical, financial and other information. This information together with the presentation by the applicant to the selection committee will be used in providing the scoring for final evaluation to determine the suitability for incubation @INCeNSE



PROGRAMS

THE BEST PROGRAMS FOR THE BEST IDEAS

PRE INCUBATION PROGRAM

Pre incubation program recognises the brightest of ideas and helps create Proof-of-concept, without having to set up a company.

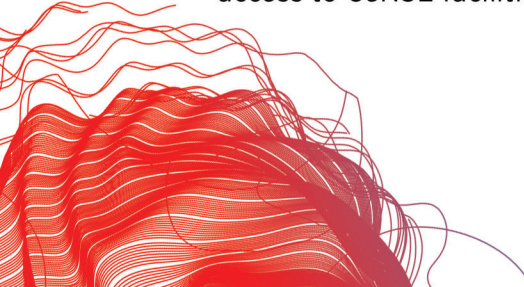
This program entitles pre incubatees to access best-in-class infrastructure, labs and mentoring support.

This program enables smooth movement into the next level, of turning into an INCeNSE incubatee.

INCUBATION PROGRAM

The incubation program is offered to deep science and nano technology start-ups. The incubatees can dip generously into an ecosystem of highly curated advisors and mentors, peer collaborators and subject experts.

The best of infrastructure (workspace, meeting rooms, labs, broadband, telephone, IP support, mentors etc.) is offered for the first twelve months. To deserving incubatees, access to CeNSE facilities is provided at special rates, even beyond the first year.



OUR INCUBATEES

INCENSE INCUBATEES PURSUING BIG IDEAS IN THE NANO WORLD

INCENSE
Agnit has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

AGNIT
GALLIUM NITRIDE ELECTRONICS for 5G & POWER CONVERSION

Agnit Semiconductors is a deep-tech startup from the Indian Institute of Science, offering Gallium Nitride (GaN) components for next-generation communication networks for 5G, and efficient power switches for electric vehicle fast charging, etc. Agnit's team has >100 years of experience in developing GaN solutions from materials-to-device-to-systems.

K-tech

INCENSE
Densepower has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

Densepower
MICROSTRUCTURAL ENGINEERING OF MATERIALS FOR POWER GENERATION AND MEDICAL OXYGEN SEPARATION

Densepower focuses on tailoring the microstructure to multiply the performance of the re-engineered materials for below applications:

- Non-polluting power generation using local fuels. High density power conversion device using solid state membrane electrolyte by engineering triple phase boundary
- Zeolite materials for gas separation including medical oxygen concentrators

K-tech

INCENSE
UNanoD has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

UNANO

UNIVERSAL NANOFLUIDIC DEVICES

A first of its kind - disruptive device that can handle biological problems and material science problems in fluid in real-time at the single-molecular level. We call this device UNanoD - Universal Nanofluidic Devices. UNanoD will be a standard (like USB) that will be established with existing specifications for various optical microscopes, electron microscopes, and electronics to interface between one nanoscale measurement device to another.

K-tech

INCENSE
INFAB Semiconductor Pvt. Ltd. has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

infab

INFAB is a foundry service aimed at making MEMS-based devices available for everyone - "From students to a practicing engineer to research labs to start-ups to MNCs engaged in MEMS-based activities". We envision "MEMS for everyone" and motivated to benefit our users at large by providing microfabrication of MEMS and Microfluidic devices at affordable cost with quick turn-around time. The services help the users with technical supports such as design feasibility, characterization, and packaging.

SMALL PRODUCTS BIG FUTURE
YOUR TECHNOLOGY PARTNER FOR MEMS & MICROFLUIDICS

K-tech

INCENSE
Theranautilus has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

theranautilus

Theranautilus NANOTECHNOLOGY FOR ORAL HEALTH

We are a hardware company specializing in instruments for fabricating nanorobots, safe deployment of nanorobots in living systems, and mechanisms to maneuver them to their target inside the body remotely. Our system would be capable of reaching greater depths within the oral cavity to target bacterial colonies that are out of reach with the current state-of-the-art tools.

K-tech

INCENSE
SuperQ has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

SuperQ Technologies
REVOLUTIONARY HIGH TEMPERATURE SUPERCONDUCTING TECHNOLOGY

SuperQ is a next-generation research and product development company that aims to build and deploy commercial scale applications in superconducting device technology

K-tech

INCENSE
Meukron Technologies has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

Krón
Prototype Swifly

Meukron Technologies is a manufacturing-innovation company developing alternative microfabrication technologies for MEMS and Microfluidic devices.

MEUKRON TECHNOLOGIES
MICROFABRICATION TECHNOLOGIES FOR MEMS & MICROFLUIDIC DEVICES

We are an equipment manufacturing and R&D company, constantly thriving to improve the capabilities of our technologies, thereby catering to our customers' needs for reduced time and opportunity cost of fabrication of MEMS and Microfluidic devices. Our current product is being used as a Prototyping platform for such devices and is Material Agnostic in nature (can micro-machine Glass wafers, Ceramics, Polymers, and other substrates).

K-tech

SILICON SOLUTIONS
INCENSE
Si4 Solutions has been incubated within INCENSE, a deep science and nano technology incubator at IISc.

From Source to Success
End-to-End Contamination Control Platform

Who we are

Si4 Solutions, an "Applications Engineering as a Service" focused startup, provides a niche, end-to-end services platform to identify, quantify, trace, and mitigate contamination at the source.

We leverage our extensive background in the 4M's (Materials, Methods, Manufacturing, & Methodology) of contamination control to improve products from and processes of component, chemical, and tool suppliers, to enable semiconductor device manufacturers further.

Contamination Control

It is a critical need in the semiconductor manufacturing ecosystem enabling higher yields and performance reliability of semiconductor devices. As unknown, untraceable and often uncharacterized contamination permeates through this ecosystem from the raw material to end use on-wafer, the financial and societal costs escalate exponentially.

K-tech



INCENSE

For more details visit us: <https://incubation.cense.iisc.ac.in/>

Write to us: incubation.cense@iisc.ac.in

