

VENTURE CENTER

Introduction

The Venture Center is a technology business incubator specializing in technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering. The Venture Center is the trademark of Entrepreneurship Development Center, a not-for-profit company floated by the National Chemical Laboratory, Pune. Venture Center is currently funded by Department of Science and Technology, Government of India.

The Venture Center will initially occupy 10,000 sq ft of built up area within the NCL Innovation Park and will consist of lab, office and hot-desking space for start-up companies, shared laboratories, analytical facilities, technology commercialization programs, advisory services related to IP and business planning, early stage (seed) funding, an information and learning center, and other supporting resources and services.

Core Purpose

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

Vision

To be the organisation that will be credited with creating, shaping and sustaining a "Pune cluster" of innovative technology businesses with a significant economic impact regionally, nationally and globally within the next 20 years.

Focus areas by know-how area

- Material science
- Chemical synthesis
- Biomedical sciences and technology
- Chemical & process engineering
- Research, technology & knowledge management

Potential products & services of resident companies

MANUFACTURING

- Biomedical products and devices
- Niche chemicals and nano-materials
- Specialty materials science products for various sectors such as packaging, infrastructure, automotives, lifestyle products.
- Select biotech products
- Niche scientific instruments and tools
- Energy and sustainability products

SOFTWARE & SERVICES

- Process design and simulation
- Research and technology management consulting
- IP management services
- Information research/resources & scientific intelligence services
- Drug discovery services

Activities

- Nucleation of new businesses by creating the environment and opportunities for know-how providers, entrepreneurs and financiers to meet each other and form business teams.
- Nurturing businesses through their start-up phase by creating and running an efficient business incubator offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, market databases, and a generally conducive and supportive environment.
- Promoting and running an active program ('Lab2Mkt') for identification, creation, acceleration and translation (into practice) of technology ideas suitable for new venture creation.
- Run an active program in building (and sharing generously) resources, networks, competencies and special expertise in select areas at the interfaces of technology and innovation, business and entrepreneurship, and government and policy.
- Promoting and managing support funding made available by governmental agencies; such as the support grant for entrepreneurial development by the Ministry of Micro, Small and Medium Enterprises (MoMSME) and early-stage ('seed') funding from the Department of Science and Technology.
- Setting up complementary resource centers such as the Venture Center Library (launched in June 2009, www.vcenterlibrary.org) and an IP Facilitation Center (planned) to further strengthen the set of resources made available for technology commercialization and entrepreneurship.
- Partnering with marquee institutions to enable privileged access to technical support and expertise for Venture Center beneficiaries.

Facilities and resources

- Reception and admin block (houses a reception, mailbox facility, meeting room, document preparation services etc).
- Learning center (houses a seminar hall, an e-learning classroom and library).
- Office block (houses office & hot desking space for companies)
- Lab block (houses lab space for companies, shared labs for chemistry, biology, physics, prototyping and analysis).
- Cafeteria and Exhibition area.





Lab block

Venture Center is home to a 4500 square foot chemical / material / biological science laboratory dedicated to supporting science-based start-ups. The Lab Block provides a range of services including dedicated lab block

rentals, shared workbench rentals, 'hot labs' that can be used on a daily basis, as well as per-sample analytical services. The Lab Block is equipped with equipment and instruments to facilitate technology development especially in the area of materials science and biotechnology.



Library

The Venture Center Library aims to support and enhance the entrepreneurial ecosystem in and around Pune. We invite entrepreneurs, scientific researchers, technology innovators, IP & technology

commercialization professionals and venture investors to take advantage of our collection of books, periodicals, reports and research services.

Team

The staff and affiliates of Venture Center bring decades of experience and expertise in a variety of competencies – intellectual property strategy, new venture creation, business planning, technology commercialization, market research, project management, fund raising and investment management, new product development in material/chemical/biological sciences, etc. Moreover, the Venture Center engages with a network of external consultants and domain experts; this always-expanding network is a rich source of inventors, technologists, entrepreneurs and investors.

Eligibility to avail of services

- Open to any promising business idea that is based on specialized know-how
- Open to all irrespective of origins of know-how, entrepreneur, funding
- Companies that are typically at conception, prototype development, market testing stages.
- Meet EHS policy and ethical standards of Venture Center

Attention: Scientist-Entrepreneurs

The Venture Center is actively seeking the participation of members of the scientific and entrepreneurial communities. Individuals and start-ups engaged in science/technology R&D can expect timely and proactive support from the Venture Center across the technology commercialization process. We are actively addressing the gap in availability of risk capital during the seed (proof-of-concept) stage. Moreover, with the significant leeway now given to scientists and scientific institutions to commercialize their inventions and reap tangible rewards, Venture Center is keen to support technology spinoffs by bringing scientists/technologists together with entrepreneurs and investors.

Start-ups with NCL roots



Biopore Surgicals

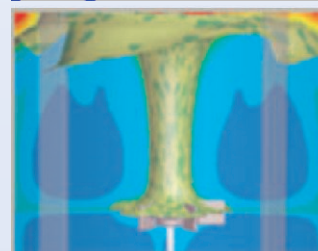
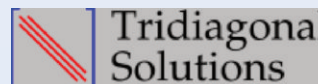
A Mumbai-based start-up company founded on NCL technology in 2005. The products have successfully passed clinical trials and is currently being sold in India. The product is expected to improve accessibility and affordability of the product in India. Further products for maxillo-facial surgery are in development.



Membrane Filters Pvt. Ltd.

A Pune-based start-up company founded on NCL technology on ultrafiltration membranes that prevents viruses and bacteria from passing through.

Products: Purioin Plus, Elite, XL providing 60, 120 and 150-200 litres per minute of water, respectively. No power required. Membrane last 3 years. Easy to fix.



Tridiagonal Solutions

A Pune-based start-up company founded by recent NCL & IIT alumni. Specialized engineering services & product company. Offers services and solutions in the area of computational modeling of flow and chemical processes, flow diagnostics, etc.

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