

VENTURE CENTER *Seeding Tomorrow's Enterprises Today*

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.

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, 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.

Desired outcomes

The Venture Center wishes to create *long-term but significant sustained value* for society by:

- Opening up new avenues for investment of risk capital on new productive capacity
- Wealth creation (in terms of increase in valuation) by new ventures. It is expected that the knowledge-based enterprises incubated by the Venture Center would offer significantly higher returns on investment than conventional companies.
- Impact on society in terms of employment, dependant businesses, improvement in quality of life via introduction of knowledge-based products and services etc.

Focus areas by know-how area

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

Focus areas by markets

- Health care
- Specialty chemicals & nano-materials
- Energy & environment
- Specialty packaging
- Process design & simulation
- Research services

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

SOFTWARE & SERVICES

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

Activities

- Nucleation of new business 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, and a generally conducive and supportive environment.
- Promoting and running an active program 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.

Facilities and resources

The following units are being developed :

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

The Venture Center will also build the following resources for incubates :

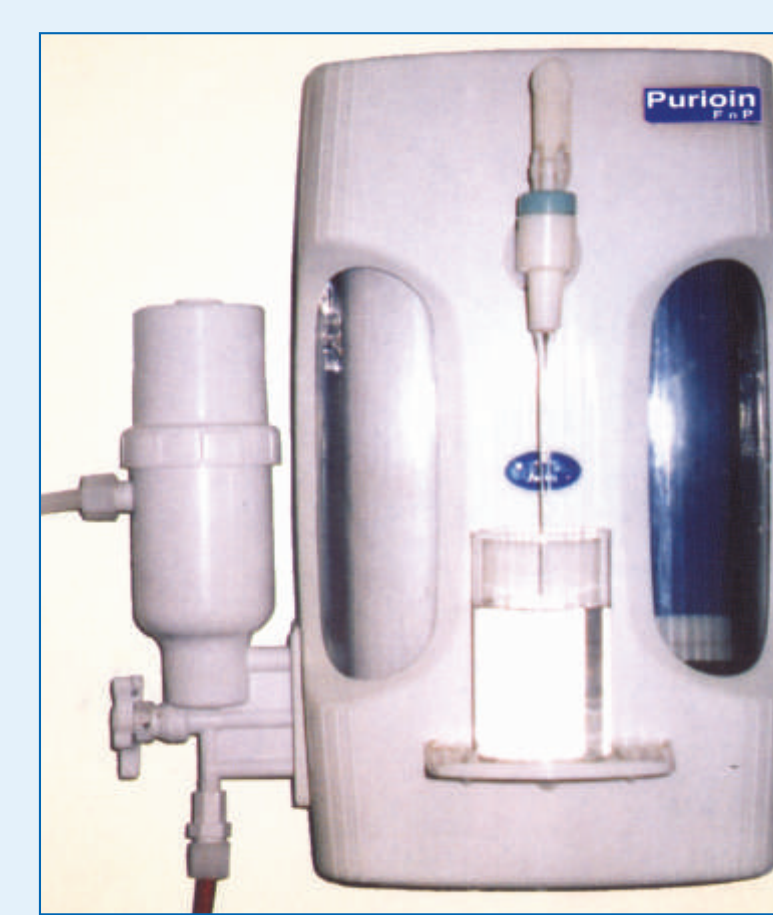
- In-house capabilities in specialized information research and technical support
- Focused resources for information research (especially technology and market research)
- A network of partners offering privileged access to technical support and expertise
- A network of business mentors, financiers and other supporting agencies
- Databases & panels of service providers

Eligibility

- 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

Recent start-up companies related to NCL

Membrane Filters (India) Pvt. Ltd., Pune



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.

Biopore Surgicals, Mumbai



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

Tridiagonal Solutions



A Pune-based start-up company founded by recent NCL & IIT alumni. The company is a specialized engineering services & product company. Currently, the company offers services and solutions in the area of computational modeling of flow and chemical processes, flow diagnostics and specialized professional education



www.venturecenter.co.in

100, NCL Innovation Park, Dr. Homi Bhabha Road, Pune 411 008

• Technology • Innovation • Enterprise