

## Plan for the Library at Venture Center, NCL Innovation Park

### Background

The National Chemical Laboratory (NCL), Pune, India has recently set-up the NCL Innovation Park. The NCL Innovation Park shall focus on technology innovation, technology development and commercialization adopting various routes. Two key mechanisms being planned are a) new venture development (start-ups) through a technology business incubator (christened Venture Center) and b) public-private partnerships of NCL with established industry partners in selected areas. NCL is striving to build the right eco-system and environment in the NCL Innovation Park campus that will encourage and support technology innovation and its translation into useful products and services via sustainable commercial entities. A critical component of the eco-system at NCL Innovation Park shall be a library and information center being planned there in.

### Mission and goal of the library

The mission of the library will be to support technology entrepreneurs and technology enterprises by providing high quality, convenient, timely and affordable access to highly relevant/ focused information resources and information research services.

### Why is the library needed?

We believe that timely access & availability of high quality information is key to building world-class technology-based companies. Libraries can play several roles at various stages of inception and growth of technology-based companies, for example,

- Stories and experiences of technology entrepreneurs can inspire both technologists to build commercially (or socially) relevant technology and entrepreneurs to champion the cause of technology-based businesses.
- Patent related information in the form of patent landscapes, prior-art reports and patentability assessments are central to the strategy for technology development and planning patent protection.
- High quality industry and market data are important for carrying out market feasibility studies, gather competitive intelligence and writing business plans that venture financing institutions can trust.
- Compilations of local and regional information including information of potential mentors, financiers, service providers, suppliers, customers etc can be a great resource for any start-up.
- The library could compile resources to support not only the entrepreneurs but also their mentors and planners in realizing the common goal of setting up world-class technology companies for India.

### How will the library distinguish itself?

Pune city is fortunate to have several good libraries supporting various missions. However, there is no library in Pune that focuses exclusively on supporting technology-based entrepreneurship. The library at Venture Center will distinguish itself in the following ways:

- **Sharp focus** on needs of technology entrepreneurs. We expect the library to have highly relevant information for technology entrepreneurs and others who assist in

commercialization of technology. The library plans to have an in-house resource person specialized in building, mining and providing information resources relevant to technology entrepreneurs. Technology resources will be focused on emerging technology areas in chemical sciences, biological sciences and materials sciences.

- **All relevant information under one roof.** In particular, inspirational and education books for entrepreneurs and technologists, patent databases, industry and market information databases, information relating to standards (eg, ASTM, ISO etc) and regulations (FDA, GMP etc), in-house databases on local and regional resources etc
- Raise funds from various sources to **make high quality information affordable** for small entrepreneurs. Several databases and high quality information sources are very expensive. We plan to exercise good judgment in selection (leveraging our experience using these resources) and bring in funds from various stake holders to make information resources affordable.
- Serve as a **single-point node to facilitate access to other regional libraries.**
- **Run reading hours and training programs** to inform and educate technologists and entrepreneurs on information sources available and how to use that information. Information resources will support several training programs and workshops that Venture Center plans to run for technologists and entrepreneurs.
- **Build in-house databases** to meet information needs of technology entrepreneurs. This is likely to include databases of business mentors, financiers, suppliers, customers, service providers, etc

### Who will the library cater to?

- Students and budding science entrepreneurs
- Technology entrepreneurs from the Pune region
- Technology developers, inventors
- Others: Participants in training programs at the Learning Center; Technology commercialization professionals; IP professionals; Staff of Venture Center; Other residents of NCL Innovation Park; Students from other institutions in Pune especially with Technology or Business Management backgrounds.

### Focus areas and sections

- Market and industry reports, surveys and information
- Intellectual property (patents, trademarks, copyright etc) and licensing
- Reference information supporting technology development
- Entrepreneurship and venture development; Inspirational books; Biographies of entrepreneurs
- Technology transfer and commercialization
- Technology and innovation management
- Guides for nuts-and-bolts issues relating to company formation, operations, locals rules-regulations-registrations, etc
- Internal collections and directories
- Others (ex: collection to support incubation activities and operations of Venture Center, EHS policies, ethical issues)

### Sections and services planned

- Sections and collections

- Periodicals (current and archived; hard copy and web)
- Books and reference (inspirational books, reference books, business management, CDs, e-books, web sites)
- Databases (print, CD-ROM, web)
- Directories (subscribed or in-house; print or CD-ROM or web)
- Audiovisual collection (movies)
- Services
  - Library visiting hours for reading and reference
  - Book loan
  - Inter-library loan
  - Audio-visual facilities
  - Internet access facilities
  - Information research services
  - Workshops
  - Seminars and demos
  - Photocopying

### Some core information resources planned

Topic	Major resource
Searching patents, patentability assessment, patent landscaping	<ul style="list-style-type: none"> <li>● Delphion or Derwent</li> <li>● India Patent InfoS</li> </ul>
First cut industry and market research	<ul style="list-style-type: none"> <li>● Factiva</li> <li>● Chemical Business News Base</li> <li>● Selected market research reports (like Reuters Business Insight)</li> <li>● India Business Insight Database</li> <li>● CMIE/ICRA etc reports</li> <li>● IndiaStat</li> <li>● Global news magazines: Chemical and Engineering News, Chemical Market Reporter</li> <li>● Trade journals: Chemical Weekly, Biospectrum, PharmaBiz</li> </ul>
Global standards and regulations	<ul style="list-style-type: none"> <li>● ASTM standards collection</li> <li>● Procedures for FDA, GMP, CE etc</li> </ul>
Local law, regulations, accounting, taxation, standards etc	Books and references on: <ul style="list-style-type: none"> <li>● Company law</li> <li>● Taxation</li> <li>● Local registrations</li> <li>● Indian regulations regarding drugs, medical devices, foods, environment</li> </ul>
Local and regional information, service providers etc	<ul style="list-style-type: none"> <li>● In-house databases and directories of service providers</li> <li>● In-house databases and directories of business mentors</li> <li>● In-house databases and directories of financiers</li> <li>● In-house databases and directories of</li> </ul>

	government funding sources and supporting mechanisms
Technology trends and reviews	<ul style="list-style-type: none"> <li>• Technology Review</li> <li>• Nature</li> <li>• Science</li> <li>• Scientific American</li> <li>• MRS Bulletin</li> <li>• Biotechnology Progress</li> </ul>

Fund raising target for 2009
Rs 10 lakhs

### Contact Information

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