



# BIO TECHNOPRENEUR PROGRAMME

July, 2016 - April, 2017

Conducted by



Entrepreneurship  
Development  
Institute of India



Gujarat State  
Biotechnology Mission  
Govt. of Gujarat





## INTRODUCTION

There is only one answer to global challenges faced by sectors such as agriculture, health, environment and energy: Biotechnology.

- The cutting edge science of Biotechnology is the new ray of hope for global challenges faced by mankind across sectors such as agriculture, health, environment and energy. Biotechnology provides solutions to combat rare disease in the field of medicine; increase agricultural production; decrease post-harvest losses, feed the hungry and addresses the crucial problem of food shortage; effective solution for cleaner and energy efficient manufacturing process which help reduce our environmental footprint.
- As per India Brand Equity Foundation (IBEF) report, the Indian biotech industry holds about 2 percent share of the global biotech industry. The Biotechnology industry in India, comprising about 800 companies, is valued at US\$ 11 billion and is growing at a Compound Annual Growth Rate (CAGR) of 20 percent.
- The National Biotechnology Development Strategy (2015-20) aims to accelerate the pace of growth of biotechnology sector in India at par with global requirements. This strategy focuses on providing impetus to utilize knowledge and tools to the advantage of humanity, launch efforts backed by significant investment for generation of biotech products, processes and technologies, empower human resource, create a strong infrastructure for research, development and commercialization for a robust bio-economy and establish India as a world class bio-manufacturing hub.



## ABOUT BIOTECHNOPRENEUR PROGRAMME

Biotechnopreneur Programme is an initiative by GSBTM in association with EDII to promote, support and facilitate the overall development of biotechnology in Gujarat. It is a 10 month weekend course designed to provide appropriate leadership and entrepreneurship skills to highly motivated individuals.

The participants will gain business insight on biotechnology entrepreneurship and will also acquire technical skill set to build career opportunities in various domains of Biotechnology. This is achieved through a combination of multidisciplinary curricula and unique pedagogy which allow utilisation of acquired skills in setting up the biotech venture.

The programme aims to contribute to sustainable development of society by providing support to biotech businesses. Through its intensive curriculum, the programme sensitizes participants about multifaceted financial, marketing and regulatory issues related to biotechnology.



## PROGRAMME OVERVIEW

- ▶ Do you want to pursue an exciting and rewarding career in biotechnology or life sciences?
- ▶ Do you wish to have a Biotech start-up?

If your answer is “YES” then, **Biotechnopreneur programme is designed just for you.**

The unique 10 month custom tailored programme integrates practical as well as academic knowledge with hands on industrial exposure to ensure holistic growth of participants to support and fund the biotech venture plan.

1. Identification of Biotech Business Ideas
2. Business Analysis of the Biotech start-up
3. Financial management of the project
4. Grounding of Technology with Business Plan
5. Implementation of Biotech Business Plan

### ELIGIBILITY

Anyone who wants to have an entrepreneurial career in Life sciences and Biotechnology is eligible to participate in the programme. The curriculum is a combination of practical and academic knowledge covering management and operational skills which would help you build strong entrepreneurial career in biotechnology sector.

#### Hand-holding and Mentoring :

Regular meetings with mentors / experts / resource persons will be organised for guidance / counselling sessions and Techno-commercial Report.

### WHO SHOULD

Enrol

- Professionals from Biotech /pharmacy/ chemical industry
- Biotech Researchers
- Owners of Micro, small or medium enterprises
- Budding entrepreneurs
- Life science Graduates

## CAREER OPPORTUNITIES

This course will open up avenues in the areas of life science and research, food and beverages, agro biotech and various other domains of biotechnology.

## KNOWLEDGE PARTNERS

### Gujarat Venture Finance Limited (GVFL)



GVFL has been providing venture capital to technology oriented start-ups, with the mission to delivering high returns to investors while providing financial and management support to innovative entrepreneurs set upon starting and building high growth companies. In 2005, GVFL launched its Rs 50 crore 12-year close-ended biotech venture capital fund, focusing on the development of biotech sector in the state, identifying potential areas for investment, including biopharma, agro-biotech, contract manufacturing and industrial biotechnology.

### CIIE, IIM, Ahmedabad



Centre for Innovation, Incubation and Entrepreneurship (CIIE) was setup at the Indian Institute of Management Ahmedabad (IIMA) to promote innovation and entrepreneurship in India. Experience and expertise at IIMA in the areas of management, innovation, and technology networks along with entrepreneurship provide the necessary impetus and intellectual basis for this initiative. CIIE comprises of faculty, alumni and students of IIMA, mentors and service providers from the industry who span a variety of functional areas, sectoral domains and geographies and are passionately committed to helping disruptive innovations and aspiring entrepreneurs succeed commercially.

### SkyQuest Technology Consulting Pvt. Ltd.



SkyQuest Technology Consulting Pvt. Ltd. is a Global Technology Aggregator & Accelerator working in the areas of Life Sciences and Green Technologies, founded in 2006, providing Strategic Advisory services like: Business Prospecting & Facilitation, Deal Making and Technology Transfer & Commercialization.



## COLLABORATING PARTNERS

### Gujarat State Biotechnology Mission (GSBTM)



Gujarat State Biotechnology Mission was established in April, 2004 as an Autonomous Nodal Agency for the development of Biotechnology in the state of Gujarat under the aegis of Department of Science and Technology, Government of Gujarat. The Mission objectives are -

- To promote, support and facilitate the overall development of Biotechnology in the state
- To provide institutional, legal, financial and policy support
- To facilitate networking among stakeholders at regional, national and international level
- To facilitate the infrastructure development and R & D activities
- To create scientific awareness, sensitization, socio-ethical acceptance and adoption to the potential and applications of biotechnology



### Entrepreneurship Development Institute of India (EDII)



The Entrepreneurship Development Institute of India (EDII), Ahmedabad is an autonomous and not for profit institute, set up in 1983 and sponsored by apex financial institutes, the IDBI Bank Ltd., IFCI Ltd., ICICI Bank Ltd. and the State Bank of India (SBI). EDII has been spearheading entrepreneurship movement throughout the nation with a belief that entrepreneurs need not necessarily be born but can be developed through well-conceived and well-directed activities. An acknowledged national resource institution, is committed to entrepreneurship education, training and research. The institute strives to provide innovative training techniques, competent faculty support, consultancy and quality teaching & training material.



### Feedback of Past Participants

"Excellent programme, emphasizes innovative and scientific approach which helps build and nurture entrepreneurs in Life Science field."

**Punit Popat** (2010-11)

"I chose the Biotechnopreneur programme at EDII because of its intensive curriculum and valuable insights from leading professionals and market leaders. In this programme, students can choose any related field in biotechnology to explore and prepare a business plan to actually start their own biotech venture."

**Dr. Neeru Singh** (2012-13)

"It was only when I participated and enrolled in this Biotechnopreneur programme at EDII that I began to discover skills and interests I hadn't really expected to find in myself. From quiet early on, I noticed an instinctive pull towards the business side of the whole biotechnology sector."

**Heta Pandit** (2012-13)

#### For further information, contact

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### COURSE INFORMATION

Course commencement : **Third week of July 2016**

Course tuition fee : **INR 50,000/-**