



Seminar on
Planning & Funding Scientific Enterprises
Organized by Venture Center, Pune & IMTECH, Chandigarh

POTENTIAL GAINS	<ul style="list-style-type: none">• Planning a scientific start-up• Biotechnology Ignition Grant (BIG) scheme- Grant funding supporting proof-of-concept studies for life sciences based start-ups
ORGANIZED BY	<ul style="list-style-type: none">• BioIncubator at Venture Center supported by BIRAC, GoI• Project and Technology Management Group, CSIR-IMTECH, Chandigarh
SUPPORTED BY	<ul style="list-style-type: none">• CSIR-IMTECH, Chandigarh• NCL Innovations, CSIR-NCL, Pune
FOR WHOM	<ul style="list-style-type: none">• Entrepreneurs and innovators• Scientists/ researchers• Academics/ lecturers• Students of science, engineering, pharmacy and Bio-medical
WHEN	Wednesday, 21 July 2015 1000 to 1200 hrs
WHERE	Auditorium, IMTECH, Sector 39A, Chandigarh 160036
CONTACT	IMTECH – Mr R. Soni, Head, Project and Technology Management Group rsoni@imtech.res.in Venture Center- Ms. Pradnya Aradhye bioincubator@venturecenter.co.in
REGISTRATION	<ul style="list-style-type: none">• <i>Prior registration is required. Attendance only on confirmation of registration.</i>• Register online at: http://vcevents.pandaform.com/pub/nuvymg/new Organizers reserve the right to select participants so as to maximize learning and networking opportunities for the group.
COST	<ul style="list-style-type: none">• Free. Limited seats. Prior registration is required.• Attendance only on confirmation of registration.



About the event

The seminar aims to:

- Inform and inspire scientists to explore the creation of scientific start-ups. Provide some basic background on what is needed to conceptualize and create start-ups.
- Introduce an important grant funding opportunity in the biotechnology and healthcare space, viz. the DBT-BIRAC Biotech Ignition Grant (BIG) scheme. (Deadline: 14 August 2015) The talk shall provide background information on this grant, the application process, funding process-flow, guidance on writing winning proposals etc.

About DBT-BIRAC's Biotechnology Ignition Grant (BIG) scheme:

BIG is an attractive early stage funding scheme for demonstrating/ validating Proof of Concept and advancing an innovative idea to commercialization. It is one of the most attractive funding schemes in India today for entrepreneurs. *The funding is upto Rs 50 lakhs for an 18 month project.* Broad domains allowed for BIG:

- Healthcare & medical biotech: Therapeutics, Biologicals, Vaccines & preventives, Diagnostics, Biomedical devices, Tissue engineering, Oncology etc
- Agriculture, food security, secondary agriculture and allied: Agro and plant biotech, Animal biotech, Marine biotech, medicinal and aromatic plants, Seri biotech, Biocontrol/biofertilizers, Food and nutrition, etc
- Industrial product and processes
- Green technology & industrial biotechnology: Biochemical engineering, Biomass value addition to fuels/chemicals/ materials
- Others: Bio-IT interface, bioinformatics, Analytical methods and new techniques, etc as per DBT mandate

Schedule

Time (hrs)	Session title	Speaker
1000-1015	Welcome and introductions	Girish Sahni
1015-1100	Planning a scientific start-up	Premnath V
1100-1130	About Biotechnology Ignition Grant (BIG) <ul style="list-style-type: none">• Mentoring: BIG process flow; Purpose of BIG; Eligibility; Tips and pointers• Reviewing: BIG review process; BIG monitoring	Pradnya Aradhya
1130-1200	Q & A	

Speakers (in alphabetical order)

Pradnya Aradhye



Pradnya Aradhye is currently Bioincubation Manager, Bioincubator, Venture Center. She has done her M.Tech in Biological Sciences and Bioengineering from IIT Kanpur. Currently she is handling all BioIncubator activities at Venture Center. She is responsible for creating a pipeline of potential and signing-up incubates for the Bioincubator, and contribute to building scientific support systems and resources for VC incubates including specific expertise. Pradnya also carries out discussions with scientists to understand their competencies.

Girish Sahni



Dr. Girish Sahni is presently Director of the Institute of Microbial Technology (CSIR), Chandigarh, India. Dr Sahni's laboratory has successfully generated, and then transferred to industry, several biotechnologies such as for the production of natural and recombinant streptokinases, including India's first Indigenous clot-buster drug. Dr Sahni's contributions have been recognized through various scientific and industrial awards, such as the Vasvik award, Government of India's Biotechnology Process Development and Commercialization Award, the Ranbaxy Research Award, CSIR Technology Shield for Process Development, etc. Dr Sahni has done his M.Sc in Microbiology from Panjab Univerisity, Chandigarh and doctoral studies in Biochemistry from IISc, Bangalore.

Premnath Venugopalan



Dr Premnath is currently the Head, NCL Innovations – the group within National Chemical Laboratory (NCL) charged with the responsibility of championing the cause of technology innovation within NCL. Dr Premnath also provides leadership for the Intellectual Property Group at NCL – one of India's leading IP management groups based out of research institutions. Dr Premnath is also the Director of the Venture Center – a technology business incubator on NCL campus. Dr Premnath is also a Scientist, Polymer Science & Engineering Division at NCL with an interest in technology development for biomedical products.

Dr Premnath has helped found and be the first Director of Venture Center, CSIR-Tech (a technology commercialization company), Orthocrafts Innovations (degradable synthetic polymer based biomed products start-up) and BiolMed Innovations (silk based biomaterials start-up).

Dr Premnath holds a B.Tech. from the Indian Institute of Technology - Bombay and a Ph.D. from the Massachusetts Institute of Technology, USA. He has also been a Chevening Technology Enterprise Fellow with the Centre for Scientific Enterprises, London Business School and Cambridge University, UK. He brings with him considerable experience in technology development and commercialization (two successfully commercialized families of biomedical products), incubation and innovation management, working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as project leader



Organizers	
	<p>Project and Technology Management Group of IMTECH is a department of IMTECH that is responsible for both project and technology management. A research institute in the frontline areas of biology and biotechnology of microorganisms, with state of the art facilities. Established in 1984, the Institute of Microbial Technology (IMTECH) is one among the chain of 37 national laboratories, 6 units and 39 outreach centres of the Council of Scientific & Industrial Research. Set-up to be a fore-runner in the niche domain of microbial biotechnology. For more information about IMTECH: www.imtech.res.in</p>
	<p>BioIncubator at Venture Center was created with support from DBT-BIRAC under the Bioincubator Support Scheme. It has been conceptualized to help innovators in the spectrum of biomass, bioengineering, bio informatics, biomed & agro based industries to ease their enterprises into the ecosystem. Along with infrastructural support in the form of biosciences labs & office spaces, the BioIncubator also provides advisory services, referrals, scientific support, library and information services, Intellectual property services, seed funding & access to talks, workshops & technical training programs. For more information about BioIncubator at Venture Center, visit www.bioincubator.venturecenter.co.in</p>
	<p>Entrepreneurship Development Center (Venture Center) – a CSIR initiative – is a Section 25 company hosted by the National Chemical Laboratory, Pune. Venture Center strives to nucleate & nurture technology & knowledge-based enterprises by leveraging the scientific and engineering competencies of the institutions in the Pune region in India. The Venture Center is a technology business incubator supported by the Department of Science & Technology’s National Science & Technology Entrepreneurship Development Board (DST-NSTEDB). Venture Center’s focuses on technology enterprises offering products and services exploiting scientific expertise in the areas of materials, chemicals and biological sciences & engineering. For more information about Venture Center, visit www.venturecenter.co.in</p>

Supported by	
	<p>A research institute in the frontline areas of biology and biotechnology of microorganisms, with state of the art facilities. Established in 1984, the Institute of Microbial Technology (IMTECH) is one among the chain of 37 national laboratories, 6 units and 39 outreach centres of the Council of Scientific & Industrial Research. Set-up to be a fore-runner in the niche domain of microbial biotechnology. For more information about IMTECH: www.imtech.res.in</p>
	<p>The National Chemical Laboratory, India is a research, development and consulting organization with focus on chemistry and chemical engineering. It has a successful record of research partnership with industry. NCL Innovations is resource center of NCL that supports, promotes and champions the cause of technology innovations within NCL. For more information about NCL Innovations & IP group NCL, visit http://www.nclinnovations.org/</p>