



Grant funding opportunity for scientific start-ups/ individuals with focus on BIG by BIRAC

- Organized by Venture Center, Pune

POTENTIAL GAINS	<ul style="list-style-type: none">• Biotechnology Ignition Grant (BIG) scheme by Department of Biotechnology - Biotechnology Industry Research and Assistance Council (DBT-BIRAC), GoI: 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
SUPPORTED BY	<ul style="list-style-type: none">• Biotechnology Industry Research and Assistance Council (BIRAC)
FOR WHOM	<ul style="list-style-type: none">• Entrepreneurs and innovators• Scientists/ researchers• Academics/ lecturers• Students of science, engineering, pharmacy and Bio-medical <p><i>Note: Target audience should be from Biotechnology, Pharma, Life Science, Biomed, Agriculture, Bio-Pharma etc background.</i></p>
WHEN	Saturday, 1st Aug 2015 0930 to 1200 hrs
WHERE	Lecture Theatre, 900 NCL Innovation Park
CONTACT	Ms Lipika Biswas Phone: 020 2586 5877 Email: eventdesk@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://www.bioincubator.venturecenter.co.in/ <p>Organizers reserve the right to select participants so as to maximize learning and networking opportunities for the group.</p>
COST	<ul style="list-style-type: none">• Free. Limited seats. Prior registration is required.• Attendance only on confirmation of registration.

About the event

The primary aim of this seminar is to create & increase awareness about an important grant funding opportunity in the biotechnology and healthcare space, viz. the DBT-BIRAC Biotech Ignition Grant (BIG) scheme. The focus of this event is to provide background information on this grant, the application process, funding process-flow, guidance on writing winning proposals etc.




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

BIG is meant for high level of discovery and innovation in the Biotechnology sector to establish and validate proof of concept and enable creation of spin-offs. BIG is a very attractive funding scheme for budding bio-entrepreneurs. It is offered as a grant to carry proof of concept and proof of concept validation activities. This scheme gives a great opportunity to innovators and entrepreneurs to begin building a start-up.

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
0930 - 1000	Registration & introduction to Venture Center	Soma Chattopadhyay
1000 - 1100	About Biotechnology Ignition Grant (BIG) <ul style="list-style-type: none"> ○ Mentoring <ul style="list-style-type: none"> ▪ Purpose of BIG ▪ Eligibility ▪ Tips and pointers ○ Reviewing <ul style="list-style-type: none"> ▪ BIG process flow ▪ BIG review process ▪ BIG monitoring 	Pradnya Aradhya & Uma Patil
1100 - 1115	Q & A	
1115 - 1130	Networking tea	
1130 - 1200	Moderated session: tips from BIG grantees <ul style="list-style-type: none"> ● Nayam Innovations Pvt Ltd ● Biolmed Innovations Pvt Ltd ● InDNA Research Labs Private Limited 	Moderator: Premnath V Nayam Innovations P L - Tanuj Gigras Biolmed Innovations P L - Anuya Nisal InDNA Research Labs P L - Aditya Phatak
Conclude the session		

Speakers (in alphabetical order)	
 Pradnya Aradhya	Pradnya Aradhya 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.
 Soma Chattopadhyay	Soma Chattopadhyay is currently associated with Venture Center as Manager Incubator and Marketing. In her present role she is the first point of contact for the innovators, understanding their business and connecting them to the right resources. She is also responsible for the entire incubation process for the start-ups and for any support required during the course of incubation period.
 Uma Patil	Uma is associated with Venture Center as Associate technology marketing since 2012. Uma handles review and monitoring aspects of BIG funding scheme initiated by DBT-BIRAC. Earlier to this, Uma was managing TREMAP funding scheme by DST-TIFAC to support technology commercialization process in India. Uma was also a part of technology commercialization internship program started jointly by National Chemical Laboratory Research Foundation (NCL-RF) & Venture center to learn the tech commercialization & IP management process. Earlier to this she was associated with International Crop Research Institute for Semi-Arid Tropics (ICRISAT), Hyderabad as trainee and there she was responsible for analyzing techno-commercial feasibility & business plan preparation of novel indigenous rural technologies. Uma holds MBA from Department of Management Sciences, Pune University (PUMBA). She has also accomplished PG diploma in Intellectual property rights & Law and Bachelors in Biotechnology from university of Pune.



V. Premnath

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

PANELISTS (in alphabetical order)



Nayam Innovations Pvt Ltd

Nayam Innovations involve a group of scientists and engineers with expertise in materials science, physics, IP management, finance, and manufacturing; supported by clinical and surgical ophthalmologists. The team is developing a novel implant using proprietary technology to radically improve the visual outcomes of cataract surgery. They are funded by BIG, Venture Center and Villgro to build a prototype of the medical device **More details:** <http://nayaminnovations.com/>



Tanuj Gigras

Tanuj is a serial entrepreneur in the material science space. He holds a Btech and Mtech in applied physics from IIT Bombay and has previously worked as an investment banker with Credit Suisse, a large Swiss investment bank. He brings in a unique combination of technology, business and finance. He is the founder of Nayam Innovaitons which is funded by BIG, Venture Center and Villgro (a seed stage fund) to develop a novel implant.



Biolmed Innovations Pvt Ltd

BiolMed Innovations Pvt. Ltd. is a start-up company with a mission to develop affordable and innovative biomedical products. This start-up is created under Lab2Mktprogram of Venture Center. BiolMed is co-founded by Mrs. Anuya Nisal, Dr. V. Premnath and Dr.Ashish Lele along with Venture Center. The current focus for the company is development of osteo-conductive bone graft substitutes based on silk fibroin. **More details:**<http://www.biolmedinnovations.com/>



Anuya Nisal

Mrs. Anuya Nisal is a scientist in the Polymer Science and Engineering Division at National Chemical Laboratory in Pune. Currently, she is also the non-Executive Director of Biolmed Innovations Pvt. Ltd. She is a materials engineer by training and her interests include development of novel polymer blends and composites, their structure-property-processing relationships and micro-analytical characterization techniques. For the last few years she has been leading the efforts of silk-based research at the National Chemical Laboratory. She has several research papers and patents to her credit mainly in the area of microstructure of silk fibroin, developing various processing protocols and chemically/physically modifying silk fibroin to tune the bioactivity. She has also been actively involved in information research and technology assessment projects.



InDNA Research Labs Private Limited

inDNA Research Labs is an early stage big-data analytics healthcare start-up that is at the forefront of trying to bring comprehensive genomic analysis to routine clinical care. Our goal is to democratize the use of genomics technologies by empowering physicians to utilize a patient's genomic profile to improve clinical decisions thus transforming patient care. inDNA is developing a HIPAA-compliant cloud based automated clinical analysis and annotation pipeline for clinical next generation sequencing (NGS) based



	<p>genomic tests for diagnosis, prognosis and personalized therapy. This will enable low cost and actionable genomic testing in India. This product/service offering will be launched in December 2014 as “OncoNGx Genomic Workbench” More details: http://indna.in/</p> <div data-bbox="477 533 632 680"></div> <p data-bbox="662 658 844 685">Aditya Phatak</p> <p data-bbox="477 719 1412 846">Mr Aditya Phatak is a Founder & CEO of InDNA Research Labs Private Limited. He holds MTech (CSE) from IIT Bombay. He has around 17 years of business & technology experience and has established Life sciences practice at Persistent Systems and grew it to \$15M+ revenue.</p>
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Organizers	
	<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>Biotechnology Industry Research & Assistance Council is a new industry-academia interface and implements its mandate through a wide range of impact initiatives, be it providing access to risk capital through targeted funding, technology transfer, IP management and handholding schemes that help bring innovation excellence to the biotech firms and make them globally competitive. For more information about BIRAC: www.birac.nic.in</p>