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**A Seminar Series – ‘MENTORING, SUPPORTING AND FUNDING BIO-ENTERPRISES’
With emphasis on Biotechnology Ignition Grant (BIRAC)
-Organized by Gujarat State Biotechnology Mission and Venture Center, Pune-**

Learn	Bio-entrepreneurship support available for Gujarat innovators and entrepreneurs Planning a scientific start-up Learn about BIG scheme of DBT-BIRAC which funds proof-of-concept studies for life sciences start-ups																																				
Organizers	<ul style="list-style-type: none"> BioIncubator at Venture Center Supported by Biotechnology Industry Research and Assistance Council (BIRAC), Govt. of India Savli Bioincubator 																																				
Sponsors	Gujarat State Biotechnology Mission (GSBTM)																																				
	Biotechnology Industry Research and Assistance Council (BIRAC)																																				
For whom	Entrepreneurs and innovators Scientists/ researchers Academics/ lecturers Students of science and engineering																																				
When	8 - 10 July 2014 and 17- 19 July 2014																																				
Where	<table border="1"> <thead> <tr> <th>University/ college</th> <th>Venue</th> <th>Time</th> <th>Dates</th> </tr> </thead> <tbody> <tr> <td>Anand Agriculture University</td> <td>Radha Krishna Hall</td> <td>9.00 -11.00 AM</td> <td rowspan="2">9/7/2014</td> </tr> <tr> <td>NV Patel Science college , V.V.Nagar</td> <td>NVPAS auditorium</td> <td>2:30-4:30 PM</td> </tr> <tr> <td>MS University</td> <td>Social Work Auditorium</td> <td>9:30 – 11:30 AM</td> <td>10/7/2014</td> </tr> <tr> <td>NAVSARI Agri University</td> <td>Navsari university auditorium</td> <td>9 - 11 AM</td> <td>11/7/2014</td> </tr> <tr> <td>Gujarat University, A'bad</td> <td>Guj. Uni auditorium</td> <td>9 - 11 AM</td> <td rowspan="2">17/7/2014</td> </tr> <tr> <td>Nirma University, A'bad</td> <td>Nirma University auditorium</td> <td>2 - 4 PM</td> </tr> <tr> <td>VIRANI SCI. COLLEGE, Rajkot</td> <td>Virani College Auditorium</td> <td>2:30 - 4:30 PM</td> <td>18/7/2014</td> </tr> <tr> <td>JUNAGADH AGRI University</td> <td>Junagadh auditorium</td> <td>9 -11 AM</td> <td>19/7/2014</td> </tr> </tbody> </table>	University/ college	Venue	Time	Dates	Anand Agriculture University	Radha Krishna Hall	9.00 -11.00 AM	9/7/2014	NV Patel Science college , V.V.Nagar	NVPAS auditorium	2:30-4:30 PM	MS University	Social Work Auditorium	9:30 – 11:30 AM	10/7/2014	NAVSARI Agri University	Navsari university auditorium	9 - 11 AM	11/7/2014	Gujarat University, A'bad	Guj. Uni auditorium	9 - 11 AM	17/7/2014	Nirma University, A'bad	Nirma University auditorium	2 - 4 PM	VIRANI SCI. COLLEGE, Rajkot	Virani College Auditorium	2:30 - 4:30 PM	18/7/2014	JUNAGADH AGRI University	Junagadh auditorium	9 -11 AM	19/7/2014		
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Cost	Free but prior registration is required.																																				
Contact	<p>Dr. Parul Shrivastav Bio-Incubation Assistant Manager EPIP Building, GIDC Manjusar, Savli, Vadodara – 391775. Phone: +91- 9925023962 Email: iam@savlibioincubator.in or info@savlibioincubator.in</p>	<p>Ms. Pradnya Aradhya Associate-BioIncubator Venture Center, 100, NCL Innovation Park, Dr. Homi Bhabha Road, Pune - 411008 Phone: +91-20-2586-5877 Email: bioincubator@venturecenter.co.in</p>																																			



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About the event

The primary aim of this event is to raise awareness around 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 through funding process-flow, guidance on writing winning proposals, and an opportunity to interact with BIG recipients.

DBT-BIRAC's Biotechnology Ignition Grant (BIG) scheme- BIG provides 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 is a great opportunity for innovators and entrepreneurs to begin building a start-up.

Broad domains allowed for BIG:

- Health care & 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
Others falling in to DBT mandate

Participants would also get to learn about how to plan a scientific start-up.

Tentative Schedule

Time	Session title	Speaker
15 mins	<ul style="list-style-type: none"> • Bio-entrepreneurial support mechanisms and innovation ecosystem in Gujarat 	Dr. Anand Bhadalkar, SSI, GSBTM
20 mins	Planning a scientific start-up <ul style="list-style-type: none"> • Problem definition and opportunity identification • Technology solutions for the problem • IP strategy • Execution team • Financials • Investment planning and critical to success factors 	Venture Center
30 mins	<ul style="list-style-type: none"> • About BIG: Mentoring and Reviewing <ul style="list-style-type: none"> ○ BIG process flow ○ Purpose of BIG ○ Eligibility ○ Tips and pointers ○ BIG review process • Other funding schemes 	Venture Center
10 mins	Introduction to Savli Bioincubator	Dr. Parul Shrivastav , Savli Bio-Incubator
15 mins	Question & Answer	GSBTM & Venture Centre
5 mins	Summation & Thanks	Dr. Anand Bhadalkar, SSI, GSBTM



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20 mins	Networking Tea Break
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SPEAKERS (alphabetical order) (Selected from the following list)





Venture Center

	<p>Pradnya Aradhya is currently Associate, 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. Contribute to building scientific support systems and resources for VC incubates including specific expertise. Discussions with scientists to understand their competencies.</p>
	<p>Soma Chattopadhyay is currently associated with Venture Center as Manager Incubator and Marketing. She has obtained her M.Sc in Physical Chemistry from Calcutta University followed by >9 years of experience in the R&D division of an MNC named Cookson Electronics where she was heading one of the reliability designing instrumentation laboratory. In her present role she is responsible for being the first point of contact for the enquirer, understanding their business and connecting them to the right resources. She is also responsible for the entire incubation process starting from enquiry to incubation of the entities and also for any support required beyond this. She is also managing some projects related to visibility and branding of Venture center.</p>
	<p>Piyush Joshi brings with him a unique experience of commercializing technology from public funded research via spin-off route. He is currently project manager at Venture Center and charged with a responsibility of creating technology based start-ups. In his current role, He actively scouts the technologies that have potential to create several products and facilitates the process of injecting these technologies into start-ups. Piyush also mentors pre-incorporation stage projects (probable future start-ups) from material science and medical device domain on business planning, start-up incorporation and fund raising. Piyush holds bachelor's degree in Polymer engineering from MIT, Pune. He has completed a post graduate diploma in patents law from NALSAR university of law, Hyderabad. He is currently pursuing his MBA in finance.</p>
	<p>Uma Patil is currently associated with Venture Center as an Associate Technology Marketing. She has done MBA in Biotechnology from DMS-PUMBA, PG Diploma in IPR Law & B.Sc in Biotechnology from University of Pune. Currently she is handling all BIG review related activities for Venture Center as BIG partner. She is also handling all the TREMAP related activities at Venture Center including technology scouting & mining, in-depth analysis of the technologies with a focus on market research, data analysis, IP search & techno commercial feasibility study.</p>
	<p>Dr Manisha Premnath is currently associated with Venture Center, Entrepreneurship Development Center, Pune as a General Manager. Her current interest lies in biotechnology, microbiology, molecular & cell biology, biotech commercialization, planning and setting up tech dev programs and labs etc. She has a PhD (Bio-technology), University of Pune and has a post doc experience from University of Cambridge.</p>
	<p>Dr V Premnath is currently the Head, NCL Innovations - the group within NCL charged with the responsibility of championing the cause of technology innovation within NCL. Dr Premnath is also the Founding 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. V. 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 products), working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on</p>



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	research and consulting projects as project leader. More information at: www.premnath.org
Gujarat State Biotechnology Mission [GSBTM]	
	Dr Parul Shrivastava is currently Bio-incubation Assistant-Manager at Savli Bio-Incubator, Vadodara. She has a PhD (Microbiology) from M. S. University of Baroda, Vadodara. She is also responsible for the entire incubation process starting from enquiry to incubation of the entities and also for any support required beyond this. Her current interest lies in biotechnology, microbiology, immunology, molecular & cell biology, biotech commercialization, etc.
	Mr Javid Shaikh is currently a SRF- Entrepreneur Support Cell & I/c-Cluster Manager, Guj-BT-CIC at Gujarat State Biotech Mission (GSBTM), Department of Science, Govt. of Gujarat. He is now looking for the Biotech Entrepreneurship Development among state of Gujarat, which includes sensitisation programmes for Students, Researchers, Industry professionals & Entrepreneurs; capacity building programme for budding entrepreneurs. He is also looking the activities of Gujarat Biotech Cluster Innovation Cell [Guj-BT-CIC] by National Innovation Council [NInC], Govt. of India.
	Dr A.N Bhadalkar is currently Sector Specialist (I) at Gujarat State Biotech Mission (GSBTM), Department of Science, Govt. of Gujarat. He has earned Ph.D. in BioSciences and an MBA (Marketing) & PGDFM in Finance management. He has over 16 years of experience in Research & Teaching mostly at The MS University of Baroda. He has been the nodal officer for Savli Biotech Park & Savli Bio-Incubator. His other responsibilities are Biotech Education, Innovation, Entrepreneurship, Technology Management and Research Commercialisation etc. in the state of Gujarat. He is the coordinator of Gujarat Biotech Cluster Innovation Cell [Guj-BT-CIC] with National Innovation Council [NInC], Govt. of India and Savli Bio-Incubator supported by BIRAC, DBT.
	Shri A. K. Saxena , an IFS officer currently holding the rank of Addl. Prin. Chief Conservator of Forests and has been the Mission Director of GSBTM since its formation in 2004. He has held many prestigious positions in the Forest Dept. before joining the Mission inclusive of forest research & Training Centre. During his tenure at GSBTM, he has provided able leadership for formation of Gujarat State Biotechnology Incentive Policy, kick starting the Biotechnology Park at Savli, Vadodara and increasing the number of Biotechnology industries from 40 in 2004 to more than 150 in 2013. He has also been an institution builder to have built Marine BioResource Centre [MBRC], Gujarat Genomic Institute [GGI], Bit Virtual -Virtual Inst. Of Bioinformatics, Seed Gene Bank, etc. he has been pivotal in guiding the STI activities in the DS T, Govt. of Gujarat as a senior most professor.



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About the organizers	
	<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 and nurture technology and 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.</p> <p>For more information about Venture Center, visit www.venturecenter.co.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 and agro based industries to ease their enterprises into the ecosystem. Along with infrastructural support in the form of biosciences labs and office spaces, the BioIncubator also provides advisory services, referrals, scientific support, library and information services, Intellectual property services, seed funding and access to talks, workshops and technical training programs.</p> <p>For more information about BioIncubator at Venture Center, visit www.bioincubator.venturecenter.co.in</p>
	<p>Gujarat State Biotechnology Mission promotes, supports and facilitates the development of biotechnology in the state of Gujarat by promoting research and development in the field of biotechnology, by generating the quality human resource in the field of biotechnology and by supporting the development of biotechnology industries by taking effective measures and policy and planning level.</p> <p>For more information: http://btm.gujarat.gov.in/btm/</p>
	<p>DBT-BIRAC funded Savli Bio-Incubator (SBInc) has been set up at Savli Biotech Park, Vadodara by GSBTM, with the vision of nurturing knowledge driven enterprise and bridging the gaps between life sciences companies, research institutions, sci-tech academia and other amenities of scientific and general purpose. It would cater to the need of Bio-incubator in the state, a prerequisite for BIG individual applicants; Savli Bio-Incubator will fill in the lacunae of absence of bio-incubation facility, provide support and mentoring to the incubatee projects. This Bio-Incubator will offer ready to play lab and office spaces, seminar and conference rooms along with the common instrument lab facilities and technology management services. SBInc stands committed to accelerate technology or innovation commercialization.</p>



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	<p>For more information about Savli Bio-Incubator , visit http://btm.gujarat.gov.in/btm/bt-park-savli.htm</p>
About the sponsors	
	<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.</p> <p>For more information about BIRAC: www.birac.nic.in</p>
	<p>Gujarat State Biotechnology Mission promotes supports and facilitates the development of biotechnology in the state of Gujarat by promoting research and development in the field of biotechnology, by generating the quality human resource in the field of biotechnology and by supporting the development of biotechnology industries by taking effective measures and policy and planning level.</p>