



## Mentor Mixer on Industrial Biotech and Secondary agriculture

- Organized by BRBC at Venture Center-

<b>Potential gains</b>	<ul style="list-style-type: none"> <li>This is an opportunity for startup founders to meet and network with Technical experts, Industry professionals, senior entrepreneurs and investors, and vice versa. This event aims to initiate contact, introduce people and catalyze mutually rewarding interactions and relationships.</li> </ul>								
<b>Sector</b>	<ul style="list-style-type: none"> <li>This Mentor Mixer is focused on <b>Industrial Biotechnology and Secondary agriculture</b>. <i>(please see detailed themes below)</i></li> </ul>								
<b>Stage of startup</b>	<ul style="list-style-type: none"> <li>Concept/ POC/ Prototype/ sharpening offerings and value propositions</li> <li>Post-prototype/ product ready/ early revenue/ scale-up</li> </ul>								
<b>Themes</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; vertical-align: top;"> <b>Starting point or raw materials:</b> <ul style="list-style-type: none"> <li>Primary produce</li> <li>Farm waste and byproducts</li> <li>Sewage</li> </ul> </td> <td style="width: 25%; vertical-align: top;"> <b>Ecosystems:</b> <ul style="list-style-type: none"> <li>Farm</li> <li>Animal farms; dairy</li> <li>Aquaculture</li> <li>Silk, bees</li> <li>Marine</li> <li>Forests</li> <li>Industrial waste</li> </ul> </td> <td style="width: 25%; vertical-align: top;"> <b>End points:</b> <ul style="list-style-type: none"> <li>Food and nutrition products, nutraceuticals</li> <li>Chemicals, renewable chemicals</li> <li>Materials, biomaterials</li> <li>Fuels</li> <li>Medicines, pharma</li> <li>Fragrances, flavours</li> <li>Dyes, colours</li> <li>farm inputs</li> <li>Harmless Disposable waste</li> <li>Animal feed</li> </ul> </td> <td style="width: 25%; vertical-align: top;"> <b>Knowhow:</b> <ul style="list-style-type: none"> <li>Process</li> <li>Equipment</li> <li>Products</li> <li>Analytics</li> </ul> </td> <td style="width: 25%; vertical-align: top;"> <b>Disciplines:</b> <ul style="list-style-type: none"> <li>Biotransformations</li> <li>Biomethanation</li> <li>Bioremediation</li> </ul> </td> </tr> </table>	<b>Starting point or raw materials:</b> <ul style="list-style-type: none"> <li>Primary produce</li> <li>Farm waste and byproducts</li> <li>Sewage</li> </ul>	<b>Ecosystems:</b> <ul style="list-style-type: none"> <li>Farm</li> <li>Animal farms; dairy</li> <li>Aquaculture</li> <li>Silk, bees</li> <li>Marine</li> <li>Forests</li> <li>Industrial waste</li> </ul>	<b>End points:</b> <ul style="list-style-type: none"> <li>Food and nutrition products, nutraceuticals</li> <li>Chemicals, renewable chemicals</li> <li>Materials, biomaterials</li> <li>Fuels</li> <li>Medicines, pharma</li> <li>Fragrances, flavours</li> <li>Dyes, colours</li> <li>farm inputs</li> <li>Harmless Disposable waste</li> <li>Animal feed</li> </ul>	<b>Knowhow:</b> <ul style="list-style-type: none"> <li>Process</li> <li>Equipment</li> <li>Products</li> <li>Analytics</li> </ul>	<b>Disciplines:</b> <ul style="list-style-type: none"> <li>Biotransformations</li> <li>Biomethanation</li> <li>Bioremediation</li> </ul>			
<b>Starting point or raw materials:</b> <ul style="list-style-type: none"> <li>Primary produce</li> <li>Farm waste and byproducts</li> <li>Sewage</li> </ul>	<b>Ecosystems:</b> <ul style="list-style-type: none"> <li>Farm</li> <li>Animal farms; dairy</li> <li>Aquaculture</li> <li>Silk, bees</li> <li>Marine</li> <li>Forests</li> <li>Industrial waste</li> </ul>	<b>End points:</b> <ul style="list-style-type: none"> <li>Food and nutrition products, nutraceuticals</li> <li>Chemicals, renewable chemicals</li> <li>Materials, biomaterials</li> <li>Fuels</li> <li>Medicines, pharma</li> <li>Fragrances, flavours</li> <li>Dyes, colours</li> <li>farm inputs</li> <li>Harmless Disposable waste</li> <li>Animal feed</li> </ul>	<b>Knowhow:</b> <ul style="list-style-type: none"> <li>Process</li> <li>Equipment</li> <li>Products</li> <li>Analytics</li> </ul>	<b>Disciplines:</b> <ul style="list-style-type: none"> <li>Biotransformations</li> <li>Biomethanation</li> <li>Bioremediation</li> </ul>					
<b>Organized by</b>	<ul style="list-style-type: none"> <li>BIRAC Regional BioInnovation Center @ Venture Center (BRBC)</li> </ul>								
<b>Supported by</b>	<ul style="list-style-type: none"> <li>BIRAC</li> <li>Venture Center</li> <li>Savli Technology and Business Incubator (STBI)</li> </ul>								
<b>Ecosystem partners</b>	<ul style="list-style-type: none"> <li>PERD Bioincubator</li> <li>Venture Studio</li> </ul>								
<b>For whom</b>	<ul style="list-style-type: none"> <li><b>Startup founders and CXO level team members</b> of startups</li> <li>Senior entrepreneurs who have already built companies in the sector</li> <li>Industry and business mentors</li> <li>Investors with an interest in the concerned sector</li> </ul>								
<b>When</b>	<b>Wednesday, 23 Jan 2019   Time: 0830 – 1800</b>								
<b>Where</b>	<b>Hotel Starottel 15, Ashram Road Usmanpura, Ahmedabad-380013, Gujarat, India</b>								
<b>Contact</b>	<b>Technical queries: Ms Nikita Jhaveri   020-25865877/76   <a href="mailto:nikita@venturecenter.co.in">nikita@venturecenter.co.in</a></b>								
<b>Registration</b>	<p><b><u>Registration Process:</u></b></p> <ul style="list-style-type: none"> <li>Step 1: Interested participants need to fill in registration form at the following link. <b>Register online at: <a href="http://bit.ly/mixer02">http://bit.ly/mixer02</a></b></li> <li>Step 2: BRBC team will screen applications and send invites to selected applicants.</li> <li>Step 3: BRBC team will confirm you seat via email on receipt of registrations fee/reference letter from partner letter/recommendation letter from partner incubator</li> <li>Up to 5 travel/stay fellowships of Rs. 5000/- available for BIRAC grantees. Reimbursement upon presenting receipts.</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Fee Category</th> <th style="text-align: left;">Fees (Rs)</th> </tr> </thead> <tbody> <tr> <td>Two free fellowships for recommended start-ups per Partner Incubator – (Note – Reference letter from incubator needs to be submitted)</td> <td>0/-</td> </tr> <tr> <td>BIRAC funded start-ups and incubatees of partner incubators (not nominated by incubator for free fellowship)</td> <td>500/-</td> </tr> <tr> <td>Others</td> <td>1000/-</td> </tr> </tbody> </table>	Fee Category	Fees (Rs)	Two free fellowships for recommended start-ups per Partner Incubator – (Note – Reference letter from incubator needs to be submitted)	0/-	BIRAC funded start-ups and incubatees of partner incubators (not nominated by incubator for free fellowship)	500/-	Others	1000/-
Fee Category	Fees (Rs)								
Two free fellowships for recommended start-ups per Partner Incubator – (Note – Reference letter from incubator needs to be submitted)	0/-								
BIRAC funded start-ups and incubatees of partner incubators (not nominated by incubator for free fellowship)	500/-								
Others	1000/-								



## Introduction

Venture Center (<http://www.venturecenter.co.in>) is India's largest inventive enterprises and scientific business incubator. It is the winner of the National Award for TBI, 2015 and AABI's Incubator of the Year Award, 2018. Venture Center is home to the BIRAC Regional Bioinnovation Center (BRBC). More information at: <http://brbc.venturecenter.co.in/>. Under the aegis of the BRBC, Venture Center organizes Mentor Mixers. Mentor Mixers are usually sector focused and emphasize specific themes. Mentor Mixers are opportunities for startup founders to meet and network with senior industry professionals, senior entrepreneurs and investors. These are also opportunities senior professionals and investor to connect with the hottest startups in their field of interest. This event aims to initiate contact, introduce people and catalyze mutually rewarding interactions and relationships.



Via this initiative, Venture Center and BRBC hopes to facilitate productive mentor-mentee relationships in different sectors and different regions of the country. Venture Center plans to launch an online mentoring platform to back-end these mentor-mentee interactions and create facilitating "soft" infrastructure for the same.

## Why you should attend?

For Startups:

- Meet potential mentors/ senior entrepreneurs and get advise/ inputs on various themes
- Meet other entrepreneurs/ peers in similar industry spaces

For Mentors:

- Exposure and interaction with a curated group of startups
- Meet and interact with other mentors/investors in the field

## Workshop includes

- Workshop will include tea and lunch at



## Schedule

Time	Duration	Session title	Venue
0830-0915	45 min	Registration	
0915-1100	105 min	Session 1: <ul style="list-style-type: none"> <li>• Introduction to the Mentor Mixer</li> <li>• Breaking the ice: 2 min elevator pitch by entrepreneurs (2 min X 30)</li> <li>• Brief talk with one lead mentor (10-15 min)</li> </ul>	
1100-1130	30 min	Networking and tea break	
1100-1300	120 min	Session 2: <ul style="list-style-type: none"> <li>• Introduction of mentors</li> <li>• Moderated panel discussion on specific topics</li> </ul>	
1300-1400	60 min	Lunch break	
1400-1530	90 min	Session 3: Mentoring clinics (45 min per slot X 2 slots per room X 6 rooms) <ul style="list-style-type: none"> <li>• Room 1</li> <li>• Room 2</li> <li>• Room 3</li> <li>• Room 4</li> <li>• Room 5</li> <li>• Room 6</li> </ul>	
1600-1630	30 min	Networking Tea	
1630-1800	90 min	Session 4: Mentoring clinics (45 min per slot X 2 slots per room X 6 rooms) <ul style="list-style-type: none"> <li>• Room 1</li> <li>• Room 2</li> <li>• Room 3</li> <li>• Room 4</li> <li>• Room 5</li> <li>• Room 6</li> </ul>	



**Slots for Mentoring Clinic (1400 – 1530; 1600 – 1730)**

Serial #	Entrepreneur	Time slot	Mentor	Room
1		1400 – 1445		
2		1445 – 1530		
3		1600 - 1645		
4		1645 - 1730		
1		1400 – 1445		
2		1445 – 1530		
3		1600 - 1645		
4		1645 - 1730		
1		1400 – 1445		
2		1445 – 1530		
3		1600 - 1645		
4		1645 - 1730		
1		1400 – 1445		
2		1445 – 1530		
3		1600 - 1645		
4		1645 - 1730		
1		1400 – 1445		
2		1445 – 1530		
3		1600 - 1645		
4		1645 - 1730		



## Speaker Profiles



**Beena Patel**

### **Beena Patel**

#### **Head, R & D at Abellon Clean Energy Ltd.**

Dr. Beena Patel is senior general manager, leading research at Abellon CleanEnergy Ltd, Ahmedabad since 2009- inception of R&D at Abellon group. Dr. Patel received her Ph.D. in life sciences while working as Senior Scientific Officer at Gujarat Cancer & Research Institute (GCRI), a regional cancer center. She pursued her post-doctoral fellowship at University of Texas, Houston, USA.

She moved on to environment and energy field with a research focus to sequester carbon dioxide and other harmful gases from environment and to fix carbon in organic form in the soil so as to balance carbon in atmosphere and earth. In this regards, her key areas of research are to characterize potential waste biomass to explore its application into downstream technology for harnessing valuable products like fuel, feed, organic chemicals, and fertilizers through zero discharge process engineering. She led at group level to formulate agriculture biomass to fuel pellet process and product development, Bamboo tissue culture protocol development for sustainable biomass production at large scale, organic bio fertilizer formulations in pellet forms for agri-business. Dr. Patel holds management representative position as internal auditor for certification of fuel and fertilizer products at Abellon. DinPlus certification for fuel pellets based on European standards was received under Dr. Patel's lead for Abellon wood pellets product and process which is one of the first certification in southern Asia. To name few research projects on her account, she lead on second generation lignocellulosic ethanol production from high biomass bamboo and other energy crop varieties, micro algae cultivation for bio-diesel and other by-product market, rice husk ash to silica extraction, Extraction of diosgenin (a natural alternative to estrogen) from fenugreek seeds and many more. She always integrates cost benefit analysis, life cycle analysis (LCA), risk assessment and supply chain management for each project as part of feasibility for scale up. Dr. Patel has charted out bioenergy policy guidelines based on local sustainable use of resources at state and nation level and presented at various platforms to policy makers.

Dr. Patel has 25 years of research experience; recognized Ph.D guide for students of biotechnology, 50 publications in international journals and book chapters along with national and international collaborative research projects.

Linkedin profile: <https://www.linkedin.com/in/beena-patel-66576842/?originalSubdomain=in>



**Paritosh Segal**

### **Paritosh Segal**

#### **Co founder, Sahyog foundation**

Helping businesses scale rapidly through innovative approaches. Compliment the leadership teams in various areas – from strategic planning to operational execution while constantly focusing on value creation.

Bring unique perspectives & value through extensive and deep experience in Sales, Marketing, Services, Business Partner Management, Product & Offerings Management, Innovation and Technology

Currently advise few start-ups which are Product & Technology companies. Helping these companies in various areas including visioning, strategic planning, refining and innovating on their offerings, developing business models for revenue, validating market needs, getting initial adopters, development of business plan, fund raising, managing large opportunities, etc.

Linkedin: <https://www.linkedin.com/in/paritosh-segal-45a611b/>



**Sangeeta Srivastava**

**Sangeeta Srivastava**

**GM corporate R & D at Godavari Biorefineries Limited**

M.Sc. in Organic chemistry from Sagar University India,

M.Phil from Jabalpur University India

Phd in Chemistry from Mumbai University India.

Areas of interest: Sucrose and Ethanol chemistry.

Sugar cane based Bio-refinery, more specifically converting by-products in to valuable chemicals such as molasses to bioplastics and bagasse to cellulose polymer.

Immobilisation of Enzymes and its application in sucrose industry. Organic synthesis.

24 years experience in managing and directing the research activities of the group which is working purely on renewable feedstock since last 75 years.

Linkedin: <https://www.linkedin.com/in/dr-sangeeta-srivastava-b4603a16/?originalSubdomain=in>



**Dilip Ranade**

**Dilip Ranade**

**Principal Scientist and Director- Aghakar Research Institute, Pune  
Consultant - National Centre for Cell Science**

Educational Qualifications:

Ph. D. in Microbiology, University of Pune, 1980

M. Sc. in Microbiology, University of Pune, 1975

B. Sc. in Microbiology, University of Pune, 1973.

Post-Doctoral Research during 1982-83 at INRA, France

Almost three years as the Director (O) of MACS Agharkar Research Institute, Pune , the autonomous Scientific Research Institute receiving funds from Govt of India.

Over 33 years as the Scientist in Microbiology Department of MACS- Agharkar research Institute, Pune. And got superannuation on the senior most post- Scientist G. Currently Consultant to Microbial Culture Collection in National Centre for Cell Science, Pune.



Member of Advisory Committee of ONGC Energy Centre, New Delhi.

Research interests: Anaerobic bacteria and methanogenic archaea- basic and applied research; Petroleum Biotechnology; Bioenergy; Anaerobic treatment of industrial wastewates.




Linkedin: <https://www.linkedin.com/in/dilip-ranade-705b6131/>



**About the Organizers**

 <p>A BIRAC - Venture Center Initiative</p>	<p>BIRAC Regional Bioinnovation Centre (BRBC) is the third regional centre of BIRAC and is located in Venture Center. BRBC aims to fill up key innovation ecosystem gaps for bio-based industry sectors and thus significantly impact the translation of high quality innovative ideas into viable and sustainable business enterprises. Some key BRBC initiatives are Venture Mentoring Service; Venture Base Camps; Regulatory Information and Facilitation Centre; Bio Incubation Practice School          More on: <a href="http://www.brbc.venturecenter.co.in/">http://www.brbc.venturecenter.co.in/</a></p>
	<p>Encouraged by the results from the BIRAC -BioNEST supported Incubator, the State Govt. of Gujarat has formed Savli Technology &amp; Business Incubator [STBI] under the aegis of Dept. of Science &amp; Technology as an autonomous Technology Business Incubator in Public Sector with a vision to nurture the Start-up economy and to facilitate budding technology-based entrepreneurs. STBI currently provides the much needed plug-and-play infrastructure to Biotechnology based entrepreneurs, in addition to the other important aspects such as Mentoring, Networking, Capacity-Building, Technology Commercialization and Funding. STBI also hosts BIRAC – SEED Fund to provide Capital assistance to Start-Ups with new and meritorious ideas, innovations and technologies, against a nominal equity.          More on: <a href="http://www.savlibioincubator.in/index.aspx">http://www.savlibioincubator.in/index.aspx</a></p>

**Supported by**

	<p>Biotechnology Industry Research &amp; Assistance Council is a non-profit company created by the Department of Biotechnology (Government of India) with a mandate to develop the national ecosystem for biotechnology innovation and entrepreneurship and provide targeted support to innovators and entrepreneurs.          For more information about BIRAC: <a href="http://www.birac.nic.in">www.birac.nic.in</a></p>
	<p>Venture Center is India's largest inventive enterprises and scientific business incubator. Venture Center is a technology business incubator hosted by CSIR-NCL and supported by the Department of Science &amp; Technology's National Science &amp; Technology Entrepreneurship Development Board (DST-NSTEDB) and BIRAC.          For more information, visit <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a></p>
 <p>P E R D Bio-incubator</p>	<p>PERD Bio-incubator is Biotechnology Industry Research and Assistance Council (BIRAC), Govt. Of India supported incubation facility to nurture pharma, biotechnology, life science, medical devices and healthcare based innovations and startups. PERD Bio-incubator has state-of-art facility along with the mentoring support from industry, academia and business experts. Strategically located in fast developing business area of Ahmedabad PERD Bio-incubator has strong network with hospitals and CROs to translate pharma innovations into product.          PERD Bio-incubator is hosted by B.V. Patel PERD Centre - India's first multidisciplinary post graduate research institute dedicated to the pursuits of excellence in pharmaceutical sciences. This provides a perfect research ambiance and expertise to innovation driven budding enterprise.          More on: <a href="http://perdcentre.com/">http://perdcentre.com/</a></p>





VentureStudio is a startup incubator and accelerator established in 2011 in collaboration with Stanford University's Centre for Design Research. VentureStudio assists entrepreneurs in creating innovative and scalable ventures by providing access to pre-seed funding support from a variety of grants and schemes. It also provides support from a network of expert mentors and domain experts, access to engaged angel and VC investors and facilities such as state-of-the-art maker labs for engineering prototyping and a bio incubator. VentureStudio maintains a lively and open work environment to spur creativity and imaginative effort. In five years, over 90 innovation fellows have joined; we have been associated with over 45 new ventures, of which 23 are currently active and associated with VentureStudio. These ventures span diverse fields such as health, education, energy, the agro industry and agro-tech, the environment, auto service, transportation and more. Through design-led approaches to business creation, VentureStudio aims to nucleate an ecosystem of innovation that advances regional economic development and creates national and global impact.

More on: <https://ahduni.edu.in/vs/>