


Global Bio-India 2024 Roadshow - Pune
on
Continuous Biomanufacturing : Present and Future Trends
- Organized by BRBC @ Venture Center -

Focus areas	<div style="text-align: center;">  </div> <ul style="list-style-type: none"> • This Road Show intends to publicize the upcoming Global Bio-India 2024, taking place at Hall no 5, Pragati Maidan, New Delhi from 12-14 September, 2024. • Aligned with the vision and mission of Global Bio-India, this Road Show aims to highlight the current and future trends of continuous biomanufacturing, a transformative approach to the production of biopharmaceuticals. Due to its technical, commercial and regulatory benefits, its adoption is poised to expand the Indian bioeconomy, foster innovation, and enhance the production of life-saving biotherapeutics.
Organized by	<ul style="list-style-type: none"> • BIRAC Regional BioInnovation Center @ Venture Center (BRBC) • BIRAC BioNEST Bioincubator @ Venture Center
Supported by	<ul style="list-style-type: none"> • BIRAC • Venture Center
For whom	<ul style="list-style-type: none"> • Industry • Startups • Researchers and Faculty • Business Mentors • Other Ecosystem Stakeholders/ Students
When	Monday, 12th August 2024 4.00 PM - 5.30 PM
Where	Hybrid (In-person in Lecture Theater, 900 NIP at Venture Center, Pune) and Online on Zoom
Contact details	Meghana Bhandari meghana.bhandari@venturecenter.co.in
Registration	<i>Registration Process:</i> Attendance is free. Registration is mandatory.



Register here -

The zoom link will be shared with the registered participants.

Introduction

Venture Center (<http://www.venturecenter.co.in>) is India's largest inventive enterprise and scientific business incubator. It is the winner of national awards from the Ministry of Science & Technology, Ministry of Skill Development and Entrepreneurship and Ministry of Commerce (Govt of India) and the AABI (Asian) Incubator of the Year Award (2018).

Venture Center is home to the BIRAC Regional Bioinnovation Center (BRBC). BIRAC is an arm of the Department of Biotechnology, Government of India. 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 for senior professionals and investors 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 hope 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 a facilitating "soft" infrastructure for the same.

Global Bio India Roadshow 2024 - Outline			
Time	Duration	Session title	Lead
1600-1605	5 min	Welcome & Introduction to Venture Center	Manish Gore, PhD
1605-1615	10 min	Overview of ABLE and upcoming ABLE events for students/ startups	Suresh Narayanan
1615-1635	20 min	Talk: BIRAC's i4 scheme and upcoming Global Bio 2024 Speaker: Dr.Vishwadeep Kapare, Officer - Investment, BIRAC	Vishwadeep Kapare, PhD
1635-1715	40 min	Talk: Continuous Biomanufacturing- Present and Future Trends Speaker: Prof. Anurag S. Rathore Professor, Department of Chemical Engineering, Indian Institute of Technology (IIT) Delhi Talk will be followed by QnA.	Prof. Anurag S. Rathore
1715-1725	10 min	Overview of CBA	Smita Kale, PhD
1725-1730	05 min	Closing Remarks	Premnath V, PhD

Speakers (in alphabetical order of last names)




Vishwadeep Kapare, PhD
Officer - Investment, BIRAC

- SBIRI Programme Manager, Involved in technical evaluation of agriculture and healthcare-related projects
- Ph.D. in Plant Biotechnology, Bhabha Atomic Research Centre, Mumbai
- MSc in Biotechnology, Pune University



Suresh Narayanan,
COO, Association of Biotechnology Led Enterprises

Narayanan Suresh is the Chief Operating Officer of India's Biotech Industry Association, ABLE, the Association for Biotechnology-Led Enterprises. In this role, Suresh represents the interests of 400-strong membership that has contributed to the emergence of a \$94 billion (Rs 780,000 crore) BioEconomy in India. ABLE runs pioneering programs like BEST to promote entrepreneurship among biotech students, Voice for BT public speaking contest for biotech college students, engages with governments on policy and regulatory issues, provides a platform for national and international biotech sector to interact on a range of issues, runs the BioEconomy Conclave Series of events. ABLE also produces the annual India BioEconomy Report (IBER) and India Biotech Startups Dashboard. ABLE also produces a Karnataka BioEconomy Report. Suresh was a member of Karnataka government's Vision Group on Biotechnology and member of various government committees and steering committee member of Elevate tech innovation support program coordinates the annual SmartBio Awards for KITS to be given at annual BTS event. Suresh has co-authored the Coffee Table Book, Enablers of Indian Biotech, brought out to celebrate 20th anniversary of ABLE. Prior to this, Suresh was the the Group Editor of BioSpectrum, Asia's first exclusive BioScience magazine, published simultaneously from India and Singapore. Published in print and available online and in fortnightly digital versions, BioSpectrum is Asia's No.1 media platform that engages the BioScience industry. Suresh was also the editor of the India Edition of MIT's Technology Review magazine which highlighted technological innovations in India and also produced an annual list of young technology innovators under the age of 35. He started BioSpectrum for CyberMedia and has played a key role in catalyzing the growth of this much talked about industry in India and Asia-Pacific. The magazine also brings out widely acclaimed annual ranking of BioScience companies in AsiaPacific and Top 20 Biotech companies in India every June. BioSpectrum also pioneered

	<p>industry awards in the region with the annual BioSpectrum Awards in Bangalore and Singapore to honor outstanding personalizes in the bioscience segment.</p>
	<p>Prof. Anurag S. Rathore, Professor, Department of Chemical Engineering, IIT Delhi</p> <p>Prof. Rathore is an Institute Chair Professor at the Department of Chemical Engineering, Indian Institute of Technology, Delhi, India. He is also the Coordinator for the DBT COE for Biopharmaceutical Technology. His previous roles included management positions at Amgen Inc., Thousand Oaks, California, USA, and Pharmacia Corp., St. Louis, Missouri, USA. His areas of interest include process development, scale-up, technology transfer, process validation, biosimilars, continuous processing, process analytical technology and quality by design. Prof. Rathore has an impressive portfolio of over 700 publications and presentations in these fields. He has contributed to reputed research journals as an editorial board member and advisor and has edited several books in the field of bioprocessing. He has a Ph.D. in Chemical Engineering from Yale University. Prof. Rathore is presently serving as Dean, Corporate Relations, at IIT Delhi.</p>

Organizers (in alphabetical order of last names)



Manish Gore, PhD
Associate Manager - Incubation and Regulatory Services, Venture Center

Manish is a part of the Bioincubation and Regulatory team where he mentors biotech and biomed startups, focusing on technological, business and regulatory aspects. He brings over 8 years of combined academic and industrial research experience, with expertise in cell biology, bioengineering, and pharmaceutical biotechnology. In his previous industrial role, Manish spearheaded the establishment of a cutting-edge 3D cell culture and bioprinting facility as well as led the techno-commercial domain, R&D projects, and regulatory compliance in the cultivated meat sector. Manish holds a PhD degree in Bioprocess Technology from the Institute of Chemical Technology, Mumbai. His research interest includes application of cutting-edge 3D cell culture and organ-on-chip technologies to develop alternative-to-animal models for preclinical drug testing.



Smita Kale, PhD
Advisor, Bioincubation, Venture Center

Smita as part of the Bioincubation team facilitates incubator operations by interacting with incubatees, infrastructure, and facilities creation and development of the ecosystem. She is leading Bio-incubation activities, the Center for Biopharma Analysis (CBA), and BIRAC's Regional Bioinnovation Center (BRBC) projects at Venture Center. She is actively involved in mentoring startups at Venture Center. She is a Ph. D in Pharmaceutical Chemistry from the Institute of Chemical Technology, Mumbai and prior to joining Venture Center has had an academic experience of 12 years which includes research experience of 3.6 years.



Premnath Venugopalan, PhD
Director, Venture Center | Head, NCL Innovations

Dr. Premnath is the Head of NCL Innovations at CSIR-NCL and Founder Director of Venture Center (a National award-winning inventive enterprises and deep tech incubator). Dr Premnath is a technology developer, innovation and incubation manager, startup mentor, and co-founder of 2 medical implant startups. One of his inventions -- a breakthrough material for hip and knee joint replacements — has been implanted in more than a million patients worldwide. Another technology for porous maxillo-facial implants has been implanted in thousands of patients in India and abroad. He has provided leadership for teams that have won National awards




	<p>for technology development, intellectual property management, and business incubation.</p> <p>He is a chemical engineer and an alumnus of MIT in the US, IIT-Bombay (Distinguished Alumnus, 2022), and has been a Chevening Technology Enterprise Scholar in Cambridge, UK.</p>
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About the Organizers	
 <p>A BIRAC - Venture Center Initiative</p>	<p>BRBC is a resource intensive center set up by BIRAC at Venture Center. Through its diverse initiatives, BRBC aims to significantly impact the translation of high quality innovative ideas across diverse ecosystems into viable and sustainable business enterprises. BRBC Initiatives: Venture Mentoring Service; Venture Base Camps; Regulatory Information and Facilitation Centre; Bio Incubation Practice School More on: https://www.brbc.venturecenter.co.in/</p>

Supported by	
	<p>Biotechnology Industry Research & 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, visit: www.birac.nic.in</p>
	<p>Global Bio-India 2024 is a mega international congregation of biotechnology stakeholders, including international bodies, regulatory bodies, central and state ministries, SMEs, large industries, bioclusters, research institutes, investors, and the startup ecosystem. This annual event is organized by the Biotechnology Industry Research Assistance Council (BIRAC), a Public Sector Undertaking under the Department of Biotechnology (DBT) - Ministry of Science and Technology, Government of India showcasing India's Biotech growth and opportunities to the world. Global Bio-India 2024-25 is going to deliberate on the opportunities and key challenges in the areas of bio-manufacturing, capacity-building, clinical trials, drug discovery, regulation & policies creating global supply chains for achieving a growth-oriented road-map for the biotechnology sector in the country. For more information about Global Bio-India 2024, visit: https://globalbioindia.org/</p>
	<p>Association of Biotechnology Led Enterprises – ABLE is a not-for-profit pan-India forum that represents the Indian Biotechnology Sector. It was launched in April 2003, after industry leaders felt a need to form an exclusive forum to represent the Indian Biotechnology Sector. ABLE has over 400 members from all across India representing all verticals of the sector like Agri Biotech, Biopharma, Industrial biotech, Bioinformatics, Investment banks and Venture Capital Firms and Equipment Suppliers. The primary focus of ABLE is to accelerate the pace of growth of the Biotechnology sector in India, through partnering with the Government in their biotechnology initiatives to deliver optimal policies and create a positive regulatory environment, encouraging entrepreneurship and investment in the sector, providing</p>



	<p>a platform for domestic and overseas companies to explore collaboration and partnerships, forging stronger links between academia and industry and showcasing the strengths of the Indian biotech sector. For more information, visit: https://ableindia.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 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. For more information, visit www.venturecenter.co.in</p>