



Round Table of Heads of R&D/ Academic Institutions on “Technology Transfer and Venturing”

- Featuring Dr Ashley Stevens, D. Phil. (Oxford), CLP, RTTP and Mr Janak Nabar, CEO, CTIER-

Outcomes	<ul style="list-style-type: none"> • Understand innovation and technology commercialization insights from global models (esp Boston area and emerging economies like Chile) • The triple helix model of innovation • Insights into the Indian R&D ecosystem from the CTIER/ Office of PSA study • Meaningful discussions with peers and efforts to build a regional action plan
Organized by	<ul style="list-style-type: none"> • TechEx.in, Regional Tech Transfer Office at Venture Center, Pune (http://www.techex.in/)
Supported by	<ul style="list-style-type: none"> • National Biopharma Mission (https://birac.nic.in/nationalbiopharmamission.php) • Venture Center, Pune (www.venturecenter.co.in) • BIRAC (https://birac.nic.in/index.php)
For whom	<ul style="list-style-type: none"> • Only for Directors and Heads of R & D Institutions / Academia
When	(Saturday) 19 November, 2022 Time: 1000 – 1330 hrs
Where	Session will be held in-person/ offline mode at NCL Innovation Park Lecture Theatre, Venture Center, 900 NCL Innovation Park, Pune
Contact	Technical queries: Dr Kavita Parekh kavita.parekh@venturecenter.co.in 8956457042 Registration queries: Ms. Lipika Biswas eventsdesk@venturecenter.co.in 9156465137
Registration	<p>Free event. By invitation only.</p> <p>If you are keen on participating in the Round Table and wish to request an invitation:</p> <ul style="list-style-type: none"> • Step 1: Register online at: https://tinyurl.com/19nov-roundtable • Step 2: The TechEx.in will review your request and get in touch with you. <p>Note</p> <ul style="list-style-type: none"> • Organizers reserve the right to select participants so as to maximize learning and networking opportunities for the group. • More details on: www.techex.in/events



Introduction

This Round Table is intended as a mixed event involving Spotlight Talks to provide facts and frameworks to stimulate a discussion, an honest discussion and reflection and idea sharing on improving technology commercialization outcomes as well as networking amongst Heads of Institutions in the Pune region. This is intended as an invitation only event for Heads of Institutions of Pune based R&D/ academic institutions.

About the Spotlight Talks:




- The first talk is by Dr Ashley Stevens, a global expert on technology commercialization based out of Boston. He will speak about some of his learning from observing/doing/ planning/ advising technology commercializing in the US, Europe and South America. Are developed economy models transplantable to developing economies like India? References: Nature Biotechnology Article by Ashley Stevens (An emerging model for life sciences commercialization): <https://www.nature.com/articles/nbt.3911.pdf?origin=ppub> ; Online resources from Dr Ashley Stevens: <https://www.figllc.com/resources>
- The second talk is by Mr Janak Nabar, CEO of Centre for Technology, Innovation and Economic Research (CTIER) in Pune. He will share his insights on the Indian R&D ecosystem using first hand data compiled by his team along with the Office of PSA. References: CTIER: <http://www.ctier.org> ; <http://www.ctier.org/handbook2019.html> ; <http://www.ctier.org/pdf-event/CTIER-and-Nesta-2019.pdf>

Event Schedule


Time	Duration	Topic	Lead Speaker
1000-1015	15mins	Welcome and setting the stage for the Round Table	Premnath V
1015 -1030	15 mins	Opening remarks on BIRAC/NBM's efforts in creating a TTO network	Shirshendu Mukherjee
1030-1100	30 mins	Spotlight talk 1: An emerging model for technology commercialization: Challenges in transplanting the US–European technology transfer model to emerging economies.	Ashley Stevens
1100-1120	20 min	Spotlight talk 2: Insights of Indian R&D/ Innovation Ecosystem from CTIER's research	Janak Nabar
1120-1130	10 min	Tea break	
1130 – 1230	60 mins	Round Table Discussions: <ul style="list-style-type: none"> • Leading questions (by Premnath V) • Intervention by Head of Institutes/ Directors on practical issues affecting technology commercialization performance of academic/ R&D institutions • Observations and comments by Ashley Stevens and Janak Nabar 	
1230 - 1245	15 mins	Concluding remarks and action points	Premnath V Rapporteur Mugdha Lele/ Kavita Parekh
1245		Lunch	



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Lead Speakers (in alphabetical order of last names)

	<p>Shirshendu Mukherjee Mission Director, Biotechnology Industry Research Assistance Council (BIRAC)</p> <p>Dr. Shirshendu Mukherjee, trained as Medical Microbiologist has Global and national exposure with more than two decades of high level work experience in top organizations, working on issues related to healthcare in India as well as across the globe. He has devised and formulated strategies for mitigating challenges and bridging gaps through impact funding. He has deep knowledge in pharmaceuticals, biopharmaceuticals and medtech industry globally. Before joining Wellcome Trust as Senior Strategic Advisor, Dr. Mukherjee was Staff Scientist at International Centre for Genetic Engineering and Biotechnology (ICGEB).</p> <p>Presently, Dr. Mukherjee, heads the India Initiative of Wellcome Trust and manages the R&D for Affordable Healthcare In India, a £30 million Initiative of the Wellcome Trust in India. The Initiative funds translation research leading to affordable healthcare solution in India and beyond. Dr. Mukherjee holds Ph.D. in Microbiology, Law graduate, Advance Course in Strategy Management form IIM Kolkata and management and leadership course form Said Business school university of Oxford.</p>
	<p>Janak Nabar CEO of the Centre for Technology, Innovation and Economic Research (CTIER)</p> <p>Janak is CEO of the Centre for Technology, Innovation and Economic Research (CTIER), and has been leading CTIER's research efforts. Janak is a member of the CII National Committee on Technology and the Expert Group on Technology. He has been part of working groups constituted by NITI Aayog to rank national R&D laboratories and develop the India Innovation Index. He has previously worked as an Economist and Investment Strategist in the private sector in Singapore. Janak's work experience includes two years with the United Nations High Commissioner for Refugees (UNHCR), Serbia where he worked on the performance and financial monitoring of UNHCR's NGO partners. Besides his research interest in innovation and technology policy, Janak also researches and writes on India's macroeconomic policies.</p> <p>Janak holds an MSc (Econometrics and Mathematical Economics) from the London School of Economics and Political Science, MA (Mathematics) from Balliol College, University of Oxford (as a Radhakrishnan Scholar and BA (Mathematics) from the University of Pune (ranked first in the university)</p>
	<p>Ashley Stevens Consultant at CARB-X Winchester, Massachusetts, United States</p> <ul style="list-style-type: none"> • Ex President of USA's Association of University Technology Managers • Led Office of Technology Transfer at Boston University, USA • Scientist, Biotech Startup Founder, Technology Transfer Specialist, Author and Lecturer <p>For 15 years, Dr. Stevens led Boston University's Office of Technology Transfer. He then became Special Assistant to the Vice President for Research for two years before retiring from full time employment at BU. Before joining Boston University, he was Director of the Office of Technology Transfer at the Dana-Farber Cancer Institute, a teaching affiliate of the Harvard Medical School. During his tenure at Boston University, the Office of Technology Development spun out over 50 companies based on the University's research, a number of which raised substantial amounts of capital, and the University's licensing income climbed steadily. Previously, Dr. Stevens worked in</p>


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	<p>the biotechnology industry for nearly ten years. He was a co-founder of Kytogenics, Inc., was co-founder of Genmap, Inc., and was Vice President of Business Development for BioTechnica International. Dr. Stevens publishes and lectures frequently on many aspects of technology transfer, including the Bayh-Dole Act, the economic impact of technology transfer and its role in economic development, the contribution of academia to the discovery of new drugs and vaccines, the role of technology transfer in global health and technology valuation. He was the recipient of the Bayh-Dole Award at the Association of University Technology Managers (AUTM) 2007 Annual Meeting and became President of AUTM in March 2010. He is also active in the Licensing Executives Society and the MassBio. Dr. Stevens holds a Bachelor of Arts in Natural Sciences, a Master of Arts and a Doctor of Philosophy in Physical Chemistry from Oxford University. He is a Certified Licensing Professional and a Registered Technology Transfer Professional.</p>
	<p>Premnath V, PhD Director, Venture Center Head, NCL Innovations</p> <p>Premnath is Head, NCL Innovations at CSIR-NCL and Founder Director, Venture Center (National award winning inventive enterprises and deep tech incubator). Dr Premnath is a technology developer, innovation and incubation manager, startup mentor and a co-founder of 2 medtech 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.</p> <p>He has provided leadership for teams that have won National awards for technology development, intellectual property management and business incubation. He is 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>

Organizing Team at Venture Center (in alphabetical order of their last name)	
	<p>Mugdha Lele Head – Social Innovations, Venture Center</p> <p>Mugdha is a Ph.D from School of Health Sciences, University of Pune and has teaching and research experience in a State Government medical university. At Venture Center, she is responsible for driving the Social Innovations and related activities and is responsible for providing technical mentoring for incubatees at Venture Center. Mugdha has been a Fellow of the Chevening Rolls Royce Science, Innovation, Policy and Leadership Programme (CRISP) at the Said Business School, University of Oxford, UK in 2016. In 2018 she has also been part of the Aritra Accelerator Program for Leadership in the Social Sector at IIM Bangalore with Phicus Solutions and Dr. Reddy’s Foundation. She is interested to drive programs which support development of novel technology solutions for impact in the social sector.</p>
	<p>Sharvari Naik Associate – Outreach and Technology Connects, Venture Center</p> <p>Sharvari is M.Sc. Biotechnology from Institute of Bioinformatics and Biotechnology, Savitribai Phule Pune University. As part of the TechEx.in team at Venture Center, she is involved in technology scouting and lead generation activities, building industry academia relationships, technology showcases and matchmaking initiatives and various awareness events in the innovation management domain.</p>

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	<p>Kavita Parekh Assistant Manager - Technology Connects, Venture Center</p> <p>Kavita is currently Assistant Manager - Technology Connects at Venture Center. She is a doctorate from School of Health Sciences, University of Pune and has teaching and research experience of more than 11 yrs. She has industry experience of working with biomarkers for cancer and her research interests are in molecular diagnostics. At Venture Center, she is responsible for technology marketing and lead generation activities. She also identifies Tech partners in academic and research institutes.</p>
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Organized by	
	<p>TechEx.in is a Technology Transfer Hub operated by Venture Center, Pune, India and supported by the National Biopharma Mission, BIRAC (Govt of India). TECHEX.IN aims to help technology developers and technology commercialization entities find each other's, forge partnerships and advance the technology closer to the market in wiwi partnership. In this mission, TECHEX.IN will build upon learning's, methods and experiences of NCL Innovations (department of CSIRNCL championing innovations), IPFACE (IP Facilitation Center) and Venture Center (technology business incubator).</p> <p>The TechEx.in is based in the western part of India. While its focus is on organizations in Maharashtra, Gujarat and Goa states of India, it welcomes technology developers and technology commercialization entities from any part of the world. For more information please visit: www.techex.in</p>

Supported by	
	<p>Biotechnology Industry Research & Assistance Council (BIRAC) is a new industry industry 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, visit: www.birac.nic.in</p>
	<p>National Biopharma Mission (NBM) is a Mission of the Government of India approved by the Cabinet for implementation in May 2017. The NBM's mission is to make India a hub for design and development of novel, affordable and effective biopharmaceutical products and solutions. The NBM has an allocation of US\$ 250 million and is jointly funded by the Government of India and the World Bank in equal measure. The NBM is officially known as "An Industry Academia Collaborative Mission of Department of Biotechnology (DBT) for Accelerating Early Development for Biopharmaceuticals". ; Biotechnology Research Assistance Council (BIRAC) is the implementation partner of the Government of India for the Mission.</p> <p>For more information: visit: https://birac.nic.in/nbm/</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.</p> <p>For more information, visit: http://www.venturecenter.co.in/</p>