





### Symposia on

# **Inclusive Innovation: Innovation Improving Lives**

## On the occasion of World Intellectual Property Day 2017

- Organized by IPFACE, Venture Center				
	• Frameworks and case studies on inclusive innovation; How innovation and			
	new ideas are changing the world for the better!			
LEARN	Case study of Serum Institute's pioneering heat resistant rotavirus vaccine			
	Intellectual property and its application for inclusive innovation			
	A celebration of World Intellectual Property Day, 2017			
	IP Facilitation Center (IPFACE), Venture Center			
ORGANIZED BY	Social Innovation Program at Venture Center			
	Intellectual Property Group, CSIR-NCL			
	NCL Innovations, CSIR-NCL			
SUPPORTED BY	Venture Center, Pune			
	BIRAC via the BioIncubator at Venture Center, Pune			
	CSIR-NCL, Pune			
	Inventors, Innovators, Scientists, Stud	lents of science		
FOR WHOM	Entrepreneurs, Tech-startups  IP/Licensing/tech management professionals and students of IP tech			
TOR WITOW	<ul> <li>IP/ Licensing/ tech management professionals and students of IP, tech transfer, innovation management</li> </ul>			
	Others interested in Inclusive/ social innovation			
WHEN	26th April 2017   15:00 to 17:30			
	Venture Center:	NCL Innovations:		
ORGANIZATION	Dr Roshan Yedery	Dr Nitin S Tewari		
LEAD	Phone: +91-20-25865877	Phone: +91-20-2590-2757		
	e-mail: roshan@ipface.org	e-mail: ns.tewari@ncl.res.in		
	Lecture Theatre, Venture Center			
WHERE	100 NCL Innovation Park,			
	Dr. Homi Bhabha (Pashan) Road, Pune-411008			
CONTACT	Dr. Roshan Yedery   Phone: +91-20-2586	5877   Email: <u>roshany@ipface.org</u>		
	The event is free!			
COST	But pre-registration is required.			
	but pre-registration is required.			
	Register here: http://www.ipface.org/workshops.php			







#### **Introduction & objective**

The event is meant to celebrate the World Intellectual Property Day 2017!

World Intellectual Property Day is observed annually on 26 April. This day (on which the WIPO Convention came into existence in 1970) was designated by the World Intellectual Property Organization (WIPO) in 2000 to "raise awareness of how patents, copyright, trademarks and designs impact on daily life" and "to celebrate creativity, and the contribution made by creators and innovators to the development of societies across the globe" (More information: https://en.wikipedia.org/wiki/World\_Intellectual\_Property\_Day).

All participants, contributors and supporters of innovation and intellectual property enterprise are welcome to participate in the event.

The theme chosen by WIPO for the World IP Day 2017 is "Innovations - Improving Lives". WIPO has chosen this theme with a view to sensitize citizens to understand how intellectual property systems can support innovation by attracting investors, rewarding creators, encouraging them to develop their ideas and in return creating innovative enterprises.

We plan to celebrate the day by exploring frameworks and case studies of inclusive innovations that touches the lives of millions of people and often backed by intellectual property that has been creatively deployed and exploited to sustainably reach out to the most number of people while also incentivizing the creators.

Venture Center through its Intellectual Property Facilitation Center (IPFACE) has been substantially contributing to the cause of promoting awareness and facilitating the protection of Intellectual Property Rights (IPR) amongst individuals, entrepreneurs and SMEs in the Pune region. IPFACE has supported the IP needs of several individual entrepreneurs and start-ups that have created innovative technologies with an aim of improving quality of life of citizens.







Workshop Schedule					
Time	Duration	Session title	Lead/ Participants		
1500 - 1510	10 min	Introduction to VC, IPFACE and welcome comments	Premnath V		
1510 - 1530	20 min	Introduction to World IP Day and Landmarks in Indian IP history	Roshan Yedery		
1530-1540	10 min	Inclusive innovation: What does it mean?	Premnath V		
1540-1620	40 min	Innovating vaccines: The opportunity to save and improve lives! (To be finalized)  • Shall include the recent developments at Serum Institute relating to heat stable rotavirus vaccines	Prasad Kulkarni		
1620-1650	30 min	Open innovation frameworks – Models and cases. (To be finalized)	Shantha Shankar		
1650-1700	20 min	Question and answers Closing comments	Roshan Yedery		
1700		Tea and Networking			







### Speakers (In alphabetical order of surnames)



**Prasad Kulkarni** 

Dr. Prasad Kulkarni is currently serving as the Medical Director of Serum Insitute of India, the largest manufacturer of DPT & MMR vaccines in the world. He earned a graduate and post-graduate degree from B.J. Medical College, Pune with specialization in Clinical Pharmacology.

He has played a key role in several clinical studies for vaccines for measles, rubella, MMR, DTP, Hepatitis B, Hib, DTP-Hepatitis B, DTP-Hep B-Hib, Rabies, H1N1, rotavirus, influenza vaccines etc. He has several national and international publications including book chapters and presentations in international conferences to his credit. He has been a faculty in many national and international conferences; workshops and seminars.

He is an expert in good clinical practices, pharmacovigilance and regulatory practices, and has also been involved in the scientific and pre-clinical development of new vaccines of Serum Institute of India. He has also been a temporary advisor to WHO.



**Shanta Shankar** 

Dr. Shantha Shankar holds a Ph.D in Materials Science from Indian Institute of Science, Bangalore. Her areas of expertise include advanced materials and nanotechnology. She has worked for General Electric, Global Research and is trained in patent analytics, drafting and prosecution. She has worked with various start-up companies in technology, IP and innovation consulting space.



**Premnath Venugopalan** 

Dr V 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 Founding Director of the Venture Center — a technology business incubator on NCL campus. Dr Premnath is also the Founding Director of CSIR-Tech Pvt Ltd — a technology commercialization company. Dr Premnath is also a Scientist, Polymer Science & Engineering Division at NCL with an interest in technology development for biomedical products.









**Roshan Yedery** 

Dr. Roshan Yedery is currently the Manager, Innovation Mangement team at Venture Center. He holds a Ph.D in Biochemistry from University of Mumbai. His areas of interest have been human infectious diseases, development of novel anti-microbial technologies and commercialization of innovations developed in labs. He has worked at Uniformed Services University of Health Sciences and interned at Henry M Jackson Foundation for Advancement of Military Medicine, both located in Bethesda, United States. Before joining IPFACE he was heading the IP team at National Innovation Foundation-India located in Gandhinagar, Gujarat.



Solutions from CSIR India





About the Organizers		
IPFACE	IPFACE aims to promote awareness and adoption of intellectual property rights amongst entrepreneurs and MSMEs in India while also making accessible high-quality IP services and resources. IPFACE is a project of the Venture Center supported by the Ministry of Micro, Small and Medium Enterprises, Government of India and National Chemical Laboratory, Council of Scientific and Industrial Research, India.  For more information about IPFACE services, visit <a href="https://www.ipface.org">www.ipface.org</a>	
Social Innovation Immersion Programme	The primary objective of Social Innovation Immersion Programme (SIIP) is to create a pool of biotech "Social Innovators" who can identify needs & gaps within communities and then can help bridge the gaps either through an innovative product development or services. This programme will be operationalized with partners (academic technology centres, business incubators and related organizations) who will help provide a whole host of technical, business and marketing mentoring to the fellows.  For more information about SIIP program visit <a href="http://venturecenter.co.in/siip/index.php">http://venturecenter.co.in/siip/index.php</a>	
NCL INNOVATIONS Solutions from CSIR India	NCL Innovations was founded in 2007 as a new resource center of the National Chemical Laboratory, Pune to champion the cause of technology innovations within the organization. The mission of NCL Innovations is to find means and ways to help the birth of new technology ideas and assist and support their translation into products and successful exploitation.  The immediate goal of NCL Innovations is to build and rejuvenate for NCL various component parts of a world-class ecosystem supporting the development and enrichment of commercially and socially useful knowledge (technology), protection and capture of value, exploitation of know-how, and the setting up of new commercial and	

social enterprises based on NCL know-how.

information

http://www.nclinnovations.org/index.php

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VENTURE C E N T E R	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. Venture Center is today India's largest inventive enterprise incubator.	
<b>DIFOC</b> Ignite Innovate Incubate	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 visit <a href="www.birac.nic.in">www.birac.nic.in</a>	
SOR - HIOW	National Chemical Laboratory (CSIR-NCL), Pune, established in 1950, is a constituent laboratory of Council of Scientific and Industrial Research (CSIR). CSIR-NCL is a science and knowledge based research, development and consulting organization. It is internationally known for its excellence in scientific research in chemistry and chemical engineering as well as for its outstanding track record of industrial research involving partnerships with industry from concept to commercialization.  For more information about NCL visit <a href="http://www.ncl-india.org/files/AboutNCL/Default.aspx">http://www.ncl-india.org/files/AboutNCL/Default.aspx</a>	