











# **City Camp**

# **Essentials of Scientific Entrepreneurship**

- Organized by BRBC -

Potential gains	<ul> <li>City Camps are 2-day workshops introducing key aspects of science and technology-based entrepreneurship. It is aimed at aspiring entrepreneurs who wish to get a broad overview of how to start and run a technology-based enterprise.</li> <li>The City Camp organized by BRBC at PSG-STEP will be covering topics of raising money, tech transfer, company formation, inventive problem solving, IP, networking and pitching.</li> <li>Sessions include classroom learning, discussions with mentors/experts and Clinics</li> </ul>				
Organized by	BIRAC Regional BioInnovation Center @ Venture Center (BRBC)				
Supported by	<ul><li>BIRAC</li><li>PSG-STEP</li><li>Venture Center</li></ul>				
For whom	<ul> <li>Incubatees at PSG-STEP and other incubators</li> <li>Potential entrepreneurs (Researchers, students, clinicians)</li> <li>Inventive enterprises and science-based startups</li> </ul>				
When	Friday-Saturday, 26-27 June 2020   Time: 09:30 am – 1:30 pm				
Where	This is an Online Event   Link to the Event will be shared with selected participants post registration				
Contact	Technical queries:  Neha K – Venture Center   neha@venturecenter.co.in   +91-8956677543  PSG Contact: TBA				
Registration	Registration Process:  • Step 1: Interested participants need to fill the registration form at the following link. Register online at: <a href="https://bit.ly/June2020citycamp">https://bit.ly/June2020citycamp</a> • Step 2: Email invite will be sent post screening of registration details. Seats and Registration Cost: Limited seats!! Total number of seats: 80 Courtesy of BRBC, there will be NO registration fees.				













### Introduction

Venture Center 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 pioneering Lab2Mkt™ program that focuses on creating spinouts from publicly funded R&D organizations.

BRBC (BIRAC Regional Bio innovation Center) is a resource intensive center set up by BIRAC (Biotechnology Industry Research Assistant Council) 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. One such initiative of BRBC is conducting City Camps.

The purpose of the City Camps is to support the entrepreneurship promotion / awareness creation activities of an upcoming incubator. City Camps are focused workshops that aim to help startups and entrepreneurs achieve specific and key goals in their company. The city camps will focus on topics of Innovation & IP, Value proposition and business model, nuts and bolts of starting and running a company, business plan and financial simulation, raising money and funding landscape.

End point of this workshop: Go home with an understanding of the processes involved in running an incubator.

### **Workshop Outline**

Workshop shall consist of:

- Talks
- Q&A sessions
- Clinics

# **Terms and Conditions for Participants**

- Participants shall arrange their own devices (preferably Laptop/ Tablet) and ensure the good internet connectivity during the online course.
- Attendance is mandatory for all sessions once registration is confirmed.
- No sessions will be repeated if a participant is unable to join due to poor internet connectivity or any other













# **Workshop Outline**

		Day 1: DATE: 26 June 2020, Friday		
Time	Duration	Session title	Lead	
0930: 10:15	45 min	Session 1:      Welcome and introduction: (15 min)      Introduction to Venture Center (15 min)      Introduction to PSG-STEP: (15 min)	Premnath V Priya Nagaraj Suresh Kumar	
10:15-11:00	45 min	Session 2:  • Introduction to Scientific Enterprises: Basics of a Business	Premnath V	
11:00 -11:15	15 min	Break		
11:15 -12:00	45 min	<ul> <li>Session 3:</li> <li>Essentials of a tech development plan,</li> <li>Tech de-risking, Value Proposition and</li> <li>Positioning</li> </ul>	Priya Nagaraj	
12:00 – 12:45	45 min	Session 4:  • Best practices in grant writing and fund raising	Priya Nagaraj	
12:45 - 13:00	15 min	Open forum (15 min) & Close for DAY 1		

		Day 2: DATE: 27 June 2020, Saturday		
Time	Duration	Session title	Lead	
0930 - 1030	60 min	Session 5:  Basics of finances (30 min) Financial simulation (30 min)	Premnath V	
10:30 – 11:00	30 min	Session 6:  • Sharing of Insights and experiences by Entrepreneurs	Rajkumar Rajagopal Geethanjali Radhakrishnan	
11:00 -11:15	15 min	Break		
11:15 – 12:15	60 min	Session 7:  • Essentials of Intellectual property and IP strategy for startups	Ashutosh Prachand	
12:15 -13:00	45 min	Session 8:     • Pitching and elevator pitch (30 min)     • Business planning and business plan     (15 min)	Premnath V	
13:00 -13:15	15 min	Open forum (15 min) & Close for DAY 2		













## Speakers and organizers (alphabetical order of last name)



# Dr. K. Suresh Kumar **Executive Director, PSG-STEP**



Dr K. Suresh Kumar started his career in Coimbatore, in a Textile Machinery Manufacturing company, after which he joined PSG-Science & Technology Entrepreneurial Park (PSG-STEP) – The Technology Business Incubator (TBI) associated with PSG College of Technology, Coimbatore, India with the focus to support startups in the areas of Information Technology, Electronics, Nanotechnology and Biotechnology with the support from NSTEDB, BIRAC and MeitY, Government of India.

# Neha Khaladkar



Asst. Manager at BRBC - BIRAC Regional Bio-Innovation Center

Neha is responsible for planning & co-coordinating activities of BRBC. She studied MSc. in Microbiology from Modern college, Ganeshkhind - University of Pune & BSc. in Microbiology from Sinhgad college Pune. During her Masters she did her project work in National Chemical Laboratory, Pune. Neha is a qualified healthcare/Lifescience expert with cross functional expertise. She is an experienced professional in Business Development and has 7+ years of experience working with a Healthcare IT.

# Dr. Priya Nagaraj **Bio incubation Manager, Venture Center**



Priya holds a Ph.D. in Cell Biology from University of Virginia, USA. She worked with Advinus Therapeutics Ltd, a pharmaceutical drug discovery company for over 5 years. She has research experience in biochemistry, cell biology, developmental biology, molecular biology and drug discovery.

## **Ashutosh Prakash Prachand**

# Assistant Manager – IP & Tech Transfer at IPFACE, Venture Center



He has completed PG Diploma in Patents Law, NALSAR University, prior to that he pursued PGDM Biotechnology Management and has a bachelor's degree in Biotechnology from University of Pune. He has 4 years of experience in the field of Intellectual Property Rights. Currently his profile includes drafting patent applications, Prior art and patentability Search and analysis. He has worked on inventions relating to Biotechnology, Biopharmaceuticals, Medical devices, Material Sciences and E&TC domain. His interest lies in applied biotechnology and biopharmaceuticals.

# Geethanjali Radhakrishnan CEO & MD at Adiuvo Diagnostics Pvt. Ltd

Geethanjali Radhakrishnan is a Bioengineer, who worked in Research and then as a software developer. Hailing from the hills where access to Healthcare is at least 100 kms away, she felt that her Bioengineering background would be better utilized to develop healthcare solutions for low resource settings. She founded Adiuvo Diagnostics in 2015, with a vision to bring high end diagnostics more accessible to healthcare settings in India. She is a IGNITE 2017 fellow, at Judge Business School Cambridge. Adiuvo has developed a patented multispectral imaging technique combined with AI engine to aid in reagent less rapid diagnosis that can be applied in range of diseases starting from infections to cancer.











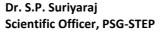






Mr. Raj brings in rich experience from premier academic, research institutes and industries in India, Germany and Switzerland. He has significant experience in recombinant enzyme Fermentation & Downstream, Immobilized enzymes

Technology commercialization. Biosensors and bioprocesses producing nutritional and pharmaceuticals. Currently in CELLZYME he is developing green manufacturing of pharmaceuticals using enzymes. Prior to this he was involved in developing biosensors at CSEM S.A, Nanomedicine division in Landquart, Switzerland. He was also assisting Dynetix AG, Switzerland to commercialize their diagnostic equipment. At Fraunhofer Institute of Biomedical Engineering IBMT, Germany he was developing biomimetic sensors for HbA1c. Raj had obtained his Ph.D from the MaxPlanck Research School on Biomimetic systems (MPIKG), Potsdam, Germany and M.Tech from Centre for Biotechnology, Anna University, Chennai. India.





Dr. S.P. Suriyaraj holds a PhD in Nano-biotechnology from PSG Institute of Advanced Studies, Coimbatore. He did his post-doc in the Department of Biotechnology, IIT Madras. He specialized in Microbiology, Biomaterials and Polymers. Currently, he is responsible for implementing the PSG-STEP: BioNEST initiatives to promote startups in bio sector.

# Dr. Premnath V Director, Venture Center | Head, NCL Innovations | Head, IP Group, NCL



Premnath V is currently the Head, National Chemical Laboratory (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. He 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 research and consulting projects as project leader. More information at: www.premnath.org













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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: <a href="http://www.brbc.venturecenter.co.in/">http://www.brbc.venturecenter.co.in/</a>

Brief about PSG-STEP:





The PSG-STEP: BioNEST Bioincubation Centre housed at PSG College of Technology with the support from Biotechnology Industry Research Assistance Council [BIRAC], Government of India under Bioincubators Nurturing Entrepreneurship for Scaling Technologies [BioNEST] Scheme. The core objective of the Centre is to nurture and accelerate cutting edge biotechnological product innovations by offering wide range of support to innovators and startups working at the intersection of bioscience and technology.

For more information about PSG-STEP: <a href="http://www.psgstep.org/index.php?page\_id=1">http://www.psgstep.org/index.php?page\_id=1</a>

## Supported by



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: www.birac.nic.in

For more information, visit www.venturecenter.co.in



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.