



City Camp on Essentials of Scientific Entrepreneurship

- Organized by BRBC and Zero Lab, Incubation Centre, IIT Patna -

Potential gains	<ul style="list-style-type: none"> City Camps are 1–2-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. The workshop organized by BRBC at Zero Lab as part of Incubation Centre, IIT Patna will be covering topics of raising money, tech transfer, company formation, inventive problem solving, networking, and pitching. Sessions include classroom learning, discussions with mentors/experts and exciting competitions based on building value proposition canvas and need identification.
Organized by	<ul style="list-style-type: none"> BIRAC Regional BioInnovation Center @ Venture Center (BRBC) Zero Lab @ Incubation Centre, IIT Patna
Supported by	<ul style="list-style-type: none"> Incubation Centre, IIT Patna Startup Bihar Dept. of Industries, Govt. of Bihar Venture Center BIRAC
For whom	<ul style="list-style-type: none"> Incubatees at IIT Patna Potential entrepreneurs (Researchers, students, clinicians) Inventive enterprises and science-based startups
When	Monday & Tuesday 25 & 26 Nov 2024 Time: 0930-1700
Where	<ul style="list-style-type: none"> IIT Patna Campus
Contact	<ul style="list-style-type: none"> Zero Lab : Deepti A zerolab.ic@iitp.ac.in Venture Center: Meghana B meghana.bhandari@venturecenter.co.in
Registration	<p>Total seats: 50</p> <p>Registration Process:</p> <ul style="list-style-type: none"> Step 1: Interested participants need to fill the registration form at the following link. Register online at: https://forms.gle/WwRig4iu6fwjsPLP6 Step 2: Email invite will be sent post screening of registration details.



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, 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 setting up a company

Workshop Outline

- Workshop shall consist of:
- Talks
- Q&A sessions
- Hands-on exercises: Need identification, Value proposition & Elevator Pitch

Workshop includes

- Assignment sheets for hands-on exercises
- Lunch, Tea & Coffee for both days
- Accommodation within IIT Patna campus hostel for attendees that are from far away districts of Bihar



Workshop Outline :

Time	Duration	Session title	Lead
Day 1 (25 Nov 2024)			
0930 - 1000	30 min	Registration	
1000–1130	90 min	Session 1: <ul style="list-style-type: none"> Welcome & Introduction to city camp & Venture center Overview of Scientific Entrepreneurship (Technology, Invention & innovation) Exercise: Need identification 	<ul style="list-style-type: none"> Manish G Smita K Manish G
1130–1300	90 min	Session 2: <ul style="list-style-type: none"> Tech Development, De-risking & Commercialization Value Proposition & Positioning Exercise: Value proposition Canvas 	<ul style="list-style-type: none"> Premnath V (online) Premnath V (online) Manish G
1300 - 1400	60 min	Lunch Break	
1400 - 1530	90 min	Session 3: Panel Discussion 1: Glimpses of entrepreneurial journey <ul style="list-style-type: none"> Silifarm Technologies Kingshahi Innovations Ceir Mobility Glovatrix (TBC) 	Moderator: Smita K
1530 – 1545	15 min	Tea break	
1545- 1700	75 min	Session 4: <ul style="list-style-type: none"> Basics of Finance for entrepreneurs Financial Simulation of Startup 	Premnath V (online)
1700- 1715	15 min	Day 1- Wrap up	Manish G
Day 2 (26 Nov 2024)			
0930-1045	75 min	Session 5: <ul style="list-style-type: none"> Funding landscape Grant writing 	Smita K
1045 - 1100	15 min	Tea Break	
1130–1300	90 min	Session 6: <ul style="list-style-type: none"> Business Plan Elevator Pitch Group exercise : Elevator pitch 	<ul style="list-style-type: none"> Soma C (online) Soma C (online) Smita K/ Manish G
1300-1400	60 min	Lunch Break	
1400 - 1600	120 min	One on one mentoring (M Clinic) for at least 8 selected startups/ budding entrepreneurs with 2 mentors (4 each).	Mentors: Smita K Manish G

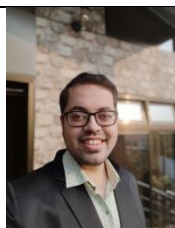


Speakers, Organizers & Entrepreneurs (In Alphabetical Order of Last Name)



Soma Chattopadhyay (Online Speaker)
Head, Incubation and Mentoring, Venture Center

Soma is currently the Head- Incubation & Mentoring at Venture Center. At Venture Center she is responsible for managing the overall incubation activities starting with identification of potential start-ups, providing in-depth technical & business mentoring, conceptualizing and implementing relevant incubation programs & building a conducive innovation ecosystem at the center. She is recipient of Chevening Gurukul Fellowship for Leadership and Excellence from DPIR, Oxford University. She has >9 years of industrial R&D experience from an MNC in the field of specialty materials post her Masters in Chemistry from Calcutta University. She serves as the nominee director on the boards of 3 startups; is a certified internal auditor for ISO standards and certified Six-Sigma Green Belt. She was also winner of DST & ISBA award "Star Gazing award for Incubation Managers 2016"



Manish Gore, PhD
Associate Manager – Incubation & 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.



Roni Mondal (joining online)
Co-founder, Silifarm Technologies

(To be added)



Jitendra Parit
Chief Technology Officer, Ceir Mobility

I am an electrical engineer with over five years of experience in advanced electric motor design, specializing in BLDC and PMSM motors for EVs, drones, and defense applications. My expertise includes electromagnetic optimization, motor controller design, thermal simulations, and parametric optimization. I focus on delivering high-performance, efficient, and reliable motors tailored to industry needs. Ceir Mobility is a pioneering company in electric propulsion, specializing in designing and manufacturing BLDC and PMSM motors for EVs, drones, and industrial applications. The company



excels in providing cutting-edge solutions with superior power density, efficiency, and reliability. Ceir Mobility leverages expertise in electromagnetic design, control algorithms, and advanced simulations to create sustainable and innovative motor solutions. Dedicated to quality and customization, Ceir Mobility addresses the evolving needs of modern industries, driving the future of electric mobility.



Barun Kumar Shahi
Co-founder, Kingshahi Innovations

Kingshahi Innovations Pvt Ltd, co-founded by Barun Kumar Shahi and Minakshi Kumari, is a distinguished research and development enterprise registered under the Ministry of Corporate Affairs. Proudly incubated at the esteemed Incubation Centre, IIT Patna, the company has achieved 12 groundbreaking innovations, securing 12 patents (IPR). Company global excellence in pioneering sustainable and transformative technological advancements.



Premnath Venugopalan, PhD (Online Speaker)
Director, Venture Center | Head, NCL Innovations

Dr 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 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 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.



About the Organizers

	<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: http://www.brbc.venturecenter.co.in/</p>
	<p>Zero Lab is an initiative of Bihar Industrial Area Development Authority (BIADA), in collaboration with Incubation Centre IIT Patna. It aims to provide a platform for aspiring entrepreneurs to develop their business ideas by means of ideation support, awareness on opportunities in various industry sectors and handholding for developing their business plan. More on: https://iciitp.com/zerolab/</p>

Supported by

	<p>Nestled in the sprawling and pristine surroundings at the 500+ acres campus of IIT Patna, Incubation Centre IIT Patna (known as IC and IC IITP) is the ideal destination for startups taking early entrepreneurial steps in Electronic System Design and Manufacturing, Medical Electronics and Information and Communication Technology domains. More on: https://iciitp.com/</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. More on: www.venturecenter.co.in</p>
	<p>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</p>