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 A BIRAC - Venture Center Initiative	 VENTURE CENTER	 MIT School of <b>Bioengineering Sciences &amp; Research</b> Breathe Life into Engineering Career!	 Bio-NEST  birac Ignite Innovate Incubate

## Online City Camp on Essentials of Scientific Entrepreneurship

*In collaboration with MIT School of Bioengineering Sciences & Research, MIT ADT University, Pune*

*- Organized by BRBC at Venture Center -*

<b>Potential gains</b>	<p>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.</p> <p>The City Camp is organized by BRBC in Collaboration with MIT School of Bioengineering Sciences &amp; Research, Pune will be covering topics of raising money, tech transfer, company formation, inventive problem solving, IP, networking and pitching. Sessions include online learning, discussions with mentors/experts.</p>
<b>Organized by</b>	<ul style="list-style-type: none"> <li>• BIRAC Regional Bio Innovation Center @ Venture Center (BRBC)</li> <li>• MIT School of Bioengineering Sciences &amp; Research, Pune</li> </ul>
<b>Supported by</b>	<ul style="list-style-type: none"> <li>• BIRAC</li> <li>• Venture Center</li> <li>• MIT School of Bioengineering Sciences &amp; Research, Pune</li> </ul>
<b>For whom</b>	<ul style="list-style-type: none"> <li>• Aspiring entrepreneurs from MIT School of Bioengineering Sciences &amp; Research, Pune</li> <li>• Potential entrepreneurs (Researchers, students, clinicians)</li> <li>• Inventive enterprises and science-based startups</li> </ul>
<b>When</b>	<b>Thursday – Friday, 07-08 October 2021   Time: 09:30 am – 1:00pm</b>
<b>Where</b>	<ul style="list-style-type: none"> <li>• This Event will be available to attend Online   Link to the Event will be shared with selected participants.</li> </ul>
<b>Contact</b>	<p>Technical queries: Ms. Neha K – Venture Center   <a href="mailto:neha@venturecenter.co.in">neha@venturecenter.co.in</a>   +91-8956677543</p> <p>Registration related queries: Ms. Lipika Biswas   <a href="mailto:eventsdesk@venturecenter.co.in">eventsdesk@venturecenter.co.in</a>   Phone: +91-9156465137</p>
<b>Registration</b>	<p><b>Seats: Limited seats!!   Total number of seats: 80</b> Courtesy of BRBC, there will be <b>NO</b> registration fees.</p> <p>Registration Process:</p> <ul style="list-style-type: none"> <li>• Step 1: Interested participants need to fill the registration form at the following link. <b>Register online at: <a href="https://bit.ly/07-08CC">https://bit.ly/07-08CC</a></b></li> <li>• Step 2: Email invite will be sent post screening of registration details.</li> </ul>

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## 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 starting an inventive startup.

## Workshop Outline

Workshop shall consist of:

- Talks
- Q&A sessions

## 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 reasons.

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Workshop Outline			
Day 1: DATE: 07 October 2021, Thursday			
Time	Duration	Session title	Lead
09:30-10:00	30 min	<b>Session 1:</b> <ul style="list-style-type: none"> <li>Welcome &amp; Overview of the event (10min)</li> <li>Welcome remarks &amp; Introduction from MIT School of Bioengineering Sciences &amp; Research, Pune (10 min)</li> <li>Introduction to Venture Center: (5 min)</li> </ul>	Premnath V  Renu Vyas  Smita Kale
10:00-11:00	60 min	<b>Session 2:</b> <ul style="list-style-type: none"> <li>Introduction to Entrepreneurship</li> <li>Value Proposition &amp; positioning</li> </ul>	Premnath V
11:00-11:15	15 min	Break	
11:15-12:00	45 min	<b>Session 3:</b> <ul style="list-style-type: none"> <li>The Process of developing and advancing technology</li> <li>Tech derisking &amp; designing studies to support claims</li> </ul>	Premnath V
12:00-13:00	60 min	<b>Session 4:</b> <ul style="list-style-type: none"> <li>Funding Landscape/ Schemes in India (30 min)</li> <li>Grant writing for Innovation Funding (with a focus on BIRAC's Biotech Ignition Grant-BIG) (30 min)</li> </ul>	Shalini Singh  Smita Kale

Day 2: DATE: 08 October 2021, Friday			
Time	Duration	Session title	Lead
09:30-10:00	30 min	<b>Session 5:</b> <ul style="list-style-type: none"> <li>Sharing of Insights and experiences by Entrepreneurs</li> <li>- Kozhnosys Pvt. Ltd</li> <li>- SynThera Biomedical</li> <li>- Adiuro</li> </ul>	Moderator Premnath V  TBC TBC TBC
10:00-10:30	30 min	<b>Session 6:</b> Basics of finances	Shruti Devasthali
10:30-10:45	15 min	Break	
10:45-11:30	45 min	<b>Session 7:</b> <ul style="list-style-type: none"> <li>Essentials of Intellectual property and IP strategy for startups</li> </ul>	Archana Joshi
11:30-12:30	60 min	<b>Session 8:</b> <ul style="list-style-type: none"> <li>Business plan and elevator pitch</li> <li>Financial simulation of a business</li> </ul>	Premnath V
12:30-13:00	30 min	Open forum (15 min) & Closing remarks	Premnath V

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

	<p><b>Ms. Shruti Devasthali</b> <b>Head - Funding &amp; Investment</b></p> <p>She is a Chartered Accountant and a certified Financial Risk Manager. She is currently operating seed fund activities for Venture Center and monitoring the investments in Venture Center's portfolio companies. She is responsible for mentoring investee companies on corporate governance and monitoring their progress in the capacity of Board observer. She is also responsible for monitoring the fund disbursements under various grant programs run by Venture Center. She is the Project Manager for the DST's NIDHI EIR program implemented by Venture Center through 20+ TBIs. During her previous work engagements Shruti has worked with CRISIL Limited and Dun and Bradstreet Information Services India Private Limited in the areas of credit and financial analysis.</p>
	<p><b>Prof. Vinayak Ghaisas</b> <b>Director, MIT School of Bioengineering Sciences &amp; Research</b></p> <p>Prof. Vinayak Ghaisas is Director at MIT School of Bioengineering Sciences &amp; Research, MIT ADT University, Pune. He is a technology management professional with Master's Degree in Computer Engineering from Australia and more than 23 years of industry experience most of which was in the US. He is an entrepreneur and founder of technology consulting company which worked with clients in various sectors such as Healthcare industry covering hospitals, clinics, Insurance &amp; other industries like Logistics, Hospitality and Retail. He has deep expertise in healthcare software and various healthcare standards. He also holds patents in supply chain planning software.</p>
	<p><b>Ms. Archana Joshi</b> <b>Lead – IP Facilitation Center</b></p> <p>Archana Joshi is Lead-Intellectual Property Facilitation Center (IPFACE), Pune. She is a registered patent agent at Indian Patent office with Master's degree in Chemistry from University of Pune and has completed her P.G. Diploma in Patents Law from NALSAR University (Hyderabad). She has also Completed a training on Technology Transfer and Commercialization with 38 RTTP (Registered Technology Transfer Professional) CE credits At IPFACE, her responsibilities include: Patent drafting, filing &amp; prosecution, conducting IP Training programs and workshops, Trademark filing &amp; prosecution, Industrial design filing &amp; prosecution, agreements drafting etc. Prior to joining Venture Center, she worked as a Project Assistance-III at CSIR- URDIP.</p>
	<p><b>Dr. Smita Kale</b> <b>Manager –Bioincubation, Venture Center</b></p> <p>Smita as part of incubation team, facilitates incubator operations by interacting with incubatees, infrastructure and facilities creation and development of the ecosystem. She is leading Bio-incubation activities, 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 Ph. D in Pharmaceutical Chemistry from Institute of Chemical Technology, Mumbai and prior to joining Venture Center has had academic experience of 12 years which includes research experience of 3.6 years.</p>

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**Ms. Neha Khaladkar**  
**Asst. Manager at BRBC – BIRAC Regional Bio-Innovation Center, Venture 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 and has also published a research paper for the same. 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. Shalini Singh**  
**Consultant- Grant Program, Venture Center**

Dr. Shalini Singh holds Ph.D in Chemistry from University of Pune. She has done her post-doctoral training from RMIT University, Melbourne. Her research 5+ experience includes work on synthesis and characterization of II- VI compound semiconductor Nanomaterials various applications in the field of optoelectronic devices, biolabeling etc and project management. She is a consultant – Grants Program at VC and is actively involved in BIG program management through program promotion, creating awareness of science entrepreneurship, managing screening/review of proposals, proposal due diligence, contract management, project monitoring, mentoring of grantees and stakeholder relationships. She is also developing the funding database for Venture Center.



**Dr. Premnath V**  
**Director, Venture Center | Head, NCL Innovations**

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](http://www.premnath.org)



**Dr. Renu Vyas**  
**Head of School, MIT School of Bio-engineering, Sciences & Research**

Dr. Renu Vyas is Head of School at MIT School of Bioengineering Sciences & Research, MIT ADT University, Pune. She leads with rich experience in research, teaching and administration. She possesses a brilliant academic record with many national and international fellowships to her credit. Prof. Vyas's efficiency and strong aptitude for research is evidenced by close to 75 papers, book chapters and patents she has authored and co-authored in her career so far. She has also co-authored a book titled 'Practical - Chemoinformatics' and edited a book on Advances in Bioengineering both by a highly reputed international publishing house Springer. Prof. Vyas's research has been very well cited (close to 750 citations). She has guided and currently guides several PhD and post graduate students. Professor Vyas

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has multidisciplinary research interests as shown by her contributions in organic synthesis, bioinformatics, drug design, and machine learning. As, 'Head MIT School of Bioengineering Sciences and Research', she has nurtured the institute with her excellent administrative, team building and leadership skills. She is recipient of several fellowships and awards, the most recent being the MIT Foundation Day award for contribution in research. Her passion is to grow MITBIO as one of the very best student-centric institute for bioengineering career in industry and research.

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 <p>A BIRAC - Venture Center Initiative</p>	<p><b>BIRAC Regional Bioinnovation Center (BRBC)</b> 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.</p> <p>More on: <a href="http://www.brbc.venturecenter.co.in/">http://www.brbc.venturecenter.co.in/</a></p>
 <p>MIT School of <b>Bioengineering Sciences &amp; Research</b> Breathe Life into Engineering Career!</p>	<p>Bioengineering is a multidisciplinary field bridging the gap between biology and engineering sciences and is fast becoming a globally expanding academic discipline. MIT group of institutes is a reputed brand name in engineering as well as medical education and is rightfully poised to initiate the bioengineering program. The School of Bioengineering Sciences &amp; Research aims to prepare students for ambitious careers in bioengineering arena by imparting super specialized training through project-based learning approach. The courses also promote entrepreneurship and associated ecosystem in bioengineering. Bioengineering is the youngest and most stimulating field which represents the intersection of science, technology, and engineering. It burgeons from foundation core sciences, such as biology, physiology, chemistry, genetics, biomedical science and blends it with elements of electrical and mechanical engineering, computer science, applied mathematics quantitative and materials sciences, etc. Bioengineering commingles the reductionist approaches of biology with the constructionist approach of engineering and applies them to decipher problems and seek potential applications for open-ended, unmet challenges in biology, health, and medicine. Research activities in the School of Bioengineering Sciences and Research are wide-ranging, reflecting the diversity of modern biotechnology. The department provides an ideal milieu for interdisciplinary collaborative research and interaction between students and faculty. The MIT School of Bioengineering Sciences and Research is committed to conduct basic research in the frontier, multidisciplinary areas of modern biology and to develop cohesive, talented cohort of multitasking peers.</p> <p>More on: <a href="http://www.mitbio.edu.in">www.mitbio.edu.in</a></p>

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 <p>b irac Ignite Innovate Incubate</p>	<p>Biotechnology Industry Research &amp; 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.</p> <p>For more information about BIRAC: <a href="http://www.birac.nic.in">www.birac.nic.in</a></p>
 <p>VENTURE CENTER</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 &amp; Technology’s National Science &amp; 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 &amp; engineering. For more information,</p> <p>Visit: <a href="http://www.venturecenter.co.in">www.venturecenter.co.in</a></p>