

## BRIC Idea Exposition 2019

### Mangalore

#### Theme: Medical devices, Health-tech and diagnostics

#### Introduction about Idea Exposition

The Biotechnology Industry Research Assistance Council (BIRAC) and IKP Knowledge Park (IKP) are organizing a healthcare idea exposition from March 16, 2019 to March 17, 2019.

The goal of the idea exposition which is in the format of a hackathon is to work on translational ideas to create feasible startup plans in the area of medical devices, health-tech and diagnostics. This hackathon is a pre-incubation activity to experience and learn the process of need identification and develop business cases.

Upto 15 teams will be selected for the idea exposition and provided mentorship to refine the ideas on the basis of prototype design, clinical need, business plans, IP and regulatory compliance.

**Date:** March 16-17, 2019

**Venue:** CSD Centre, NITK Surathkal

**Teams:** Teams with expertise in engineering, biomedical engineering, clinicians and allied fields would be ideally suited for the hackathon. The applicants must have done some background work in the area and established proof of concept or the first prototype.

Minimum team size: 2

Maximum team size: 4

#### Awards

Two winners from the Idea exposition will be provided with Innovator Exposure stipends to provide access to good mentors or peers and bridge the gap with larger cities in terms of exposure. Selected innovators from the Idea Exposition would be given travel grants for travel, boarding and lodging to attend workshops and interact with mentors and peers in established clusters to fine tune their ideas. They would be linked to an established incubator or a research organisation of their choice. This is a fixed stipend amount of upto INR 50,000 to be utilised over a period of 6 months to travel and work in the established cluster.

**Scope of innovations:** Various fields within healthcare such as medical devices, in vitro diagnostics, AI in Health, data analytics, assistance devices for mobility etc.

**How to Apply:** <https://goo.gl/forms/EZdezsXbBCQ8G1kz2>

**Application deadline:** March 7, 2019 12AM

**Eligibility criterion:** Principal Investigator should be Indian national, and must not have received any previous funding grant from BIRAC. Each team can apply with more than one proposal, however, only one will be selected for the hackathon. Up to 15 teams will be selected to participate in the hackathon.

**Selection Criteria:** Novelty in innovation, technical feasibility, team strength, scalability of the solution, affordability to the end user

Hosted at NITK, Surathkal



**Travel and Accommodation:** Accommodation will be provided to the participants for March 16 night. Travel will be reimbursed for III tier AC fare (tatkal) for outstation participants. A separate form with details of logistics will be shared after selection of participants.

## Schedule:

### Day 1

- 9:00 AM -10:00 AM Registration and Tea
- 10:00 AM – 10:15 AM Inaugural address by Ms. Deepanwita Chattopadhyay, *Chairman and CEO IKP Knowledge Park*
- 10:15 AM– 10:30 AM Remarks by Dr. Manish Diwan, *Head - Strategy Partnership & Entrepreneurship Development at BIRAC*
- 10:30 AM – 12:00 PM Introduction of teams and questions
- 12:00 PM – 1:00 PM Know your clinical need-deep dive into critical aspects
- Speakers:
- Ms. Deepanwita Chattopadhyay, *Chairman and CEO IKP Knowledge Park*
- Mr. Ranajit Sen, *Startup mentor IKP Knowledge Park, ex-Shantha Biotech VP*
- Clinician, TBD
- 1:00 PM – 1:45 PM Lunch
- 1:45 PM – 2: 15 PM Grant writing and funding opportunities, Dr. Rakshambikai R, *Chief Manager, IKP Knowledge Park*
- 2:15 PM – 2:45 PM Introduction on regulatory compliance, TBD
- 2:45 PM – 3: 00 PM Q&A session
- 3:00 PM – 3:15 PM Interaction over tea
- 3:15 PM – 8:00 PM Parallel sessions:
1. Visit to hospitals/customer interviews at KMC Mangalore or Yenepoya in two batches (people to be interviewed should be approached apriori and informed by March 12)  
(Shuttles at 3:15 PM, 4:30PM and return by 5:15 PM, 6:30 PM)
  2. One on one interaction with mentors to improve ideas
  3. Refining prototype in workshop
- 8:00 PM – 8:30 PM Dinner, Mentors to retire for the day
- 8:30 PM Onwards Teams to deliberate based on inputs to make presentation

### Day 2

After breakfast assemble at venue by 9:00 AM

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- 9:00 AM – 10:30 AM Final discussions with mentors
- 10:30 AM - 11:00 AM Final refinement of pitch and tea
- 11:00 AM – 1: 30 PM Open pitch by teams
- 1:30 PM – 2:30 PM Lunch and selection of winners
- 2:30 PM – 3: 00 PM Valedictory session and announcement of winners

**For further information on application contact: [raksha@ikpknowledgepark.com](mailto:raksha@ikpknowledgepark.com), [kriti@ikpknowledgepark.com](mailto:kriti@ikpknowledgepark.com), [prajwal@ikpknowledgepark.com](mailto:prajwal@ikpknowledgepark.com)**

### **The Organisers:**

#### **BIRAC**

BIRAC is a Section 8 (not for profit) company setup by the Department of Biotechnology (DBT), Government of India in 2012 to stimulate, foster and enhance strategic research and innovation capabilities of the Indian Biotech Industry and to serve as DBT's interface agency for supporting Industry-Academia interaction.

BIRAC's mandates include providing targeted funding for all aspects of bio innovation, incubation, technical and business mentoring, IP support, creating and providing access to global and national networks for bio innovation.

#### **IKP**

IKP Knowledge Park is a 200-acre premier Science Park and Incubator in Hyderabad and Bangalore, India. It is set up with the mission to create a world-class ecosystem for fostering leading-edge innovation in the country. IKP promotes the advancement of technology-based innovators, entrepreneurs and small and large companies through customized space, shared equipment, incubation, mentorship, and funding. IKP has so far supported over 220 companies from seven countries, 80% of which are startups.

Inspired by TechShop and MIT FabLab, IKP set up IKP-EDEN™ to help the product development ecosystem in Bangalore. IKP-EDEN™ is a membership-based Do-It-Yourself fabrication studio and a startup accelerator. Building on the vast experience gained from helping Med-Tech startups and managing scientific research facilities, IKP is working towards furthering engineering and hardware product design startups.

IKP Knowledge Park launched its Grants Management Programme in 2011 and conducts Grand Challenges and other innovation scouting programmes in partnership with the Bill & Melinda Gates Foundation, USAID, DFID, BIRAC, DBT, NSTEDB, DST and the Government of Karnataka.

The Biotechnology Industry Research Assistance Council (BIRAC), in partnership with IKP, set up the BIRAC Regional Innovation Centre (BRIC) in 2013 to further BIRAC's mandate of building a deeper understanding of the capacity and gaps in innovation, commercialisation and technology absorption ecosystems, and developing targeted programmes.

#### **NITK, Surathkal**

Hosted at NITK, Surathkal



National Institute of Technology Karnataka (NITK), formerly known as Karnataka Regional Engineering College (KREC), also known as NITK Surathkal. The 295.35-acre (1.1952 km<sup>2</sup>) campus is located on National Highway 66, by the shores of Arabian Sea. NITK Surathkal offers undergraduate and graduate programs in Engineering, Science and Management. The institute has 14 departments and 11 support centres with about 200 faculty members, 300 support staff, 5,500 students and 15,500 alumni worldwide. One of NITK's core mission is to promote entrepreneurship among students and alumni. The institute has its own technology startup incubator named STEP (Science & Technology Entrepreneurs Park) which provides office space and in some cases seed funds to startups incubated there. NITK-STEP was first established on 31 August 1994. Some notable startups founded by alumni of NITK Surathkal are Quest Global, Practo Health App, Delhivery, Nestaway, Taxi For Sure.

## **Mentors**

Clinical: Dr. Ashwin Kumar, KMC, Dr. Arun Bhagwat, Yenepoya

Regulatory: TBD

Business plan: Ranajit Sen, IKP Startup mentor, Manesh Thomas, Manipal University Bio incubator

Prototyping: Dr. Arun Shanbhag, Manipal University; Prof. Gangadhar, NITK, Prof. Shriniketan G, NITK

