



## Centre for Biosystems Science and Engineering Seminar

# Medical Innovations

4:00 PM, 16th May 2016

Seminar Hall, MRDG, Biological Sciences Building.

## Dr. Jagdish Chaturvedi

Director, Clinical Innovations and Partnerships,  
Innaccel Acceleration Services Private Limited.

The MedTech ecosystem in India is emerging and the Indian medical devices industry is on the growth curve, estimated to be a 14 Billion USD industry by 2020. In this talk, the speaker shares his experiences, anecdotes, insights and failures while inventing medical devices in India over the last five years. The idea is to give entrepreneurs (clinicians, engineers, designers, business professionals) a realistic expectation of the time, money, co-ordination and teamwork required to develop a new medical device in India. In this talk, the speaker will attempt to address all common queries a budding entrepreneur in India can have such as "Where to find clinical challenges worth solving?" "How to find them?" "How do I form a cross-disciplinary team?" "Where do I find these people?" "How long does it take to make a new medical device in India?" "How can engineers engage doctors for clinical inputs and validation?" "How can an invention that is developed at an academic institute be successfully translated to market through a start up company?" "How and when can I start making money?." The list is endless and understandably so. The talk will also provide real life examples of financial expenditures necessary for various stages of the device development process and some financial terms for licensing and investment deals.



## About the speaker

Dr. Jagdish Chaturvedi is an ENT surgeon trained at St. John's Medical College and Hospital, Bangalore (2009-2011), a Stanford-India Biodesign (SIB) Fellow (alumni) 2012, and holds an MBA degree in Entrepreneurship and Hospital Management (NIBM,2013). His core expertise lies in the process of identifying and analysing unmet clinical needs for quick development of low-cost and high quality medical devices, and teaching/ training the Biodesign process. Since 2010, he has co-invented and developed 18 affordable medical devices addressing the unmet needs in the Indian healthcare system, many of which have been taken over by indigenous companies, while some have formed startup companies for further development and commercialisation. He has also authored a book called "Inventing medical devices - A perspective from India" which happens to be the first book that is purely focused on medical device innovations in India. Dr. Jagdish Chaturvedi is currently Director, Clinical Innovations and Partnerships at Innaccel Acceleration Services Private Limited. He continues his clinical career by running his private evening ENT clinic and carries out surgical procedures at Apollo Hospitals, Bangalore as Associate Consultant in Ear nose and throat surgery