



Biomedical Product Development: A Sri-Lankan Story



Thus far in Sri Lanka, there has been an unfulfilled need to develop biomedical devices and services within the country. There exists the need to minimize the country's reliance on foreign imports while developing the local healthcare solutions industry. The present COVID crisis, has only accentuated the need for locally developed biomedical devices, which are readily manufacturable using locally developed technology and resources. The Centre for Biomedical Innovation (CeBI) established in 2017 within the University of Moratuwa (UOM), is the first and only institution in Sri Lanka with an exclusive focus to develop biomedical devices and services within Sri Lanka. CeBI specializes in combining engineering, medicine, and business expertise to develop affordable healthcare solutions for Sri Lanka and the region.

This workshop focuses on creating awareness on the multidisciplinary nature of combining engineering, medicine and commerce, and the essential stepwise process that needs to be followed for successful biomedical device development within Sri Lanka. This will be illustrated using Sri Lankan success stories, by the speakers, who are part of the growing CeBI community of practitioners. The workshop also highlights the challenges faced within Sri Lanka in the current context, and discusses some strategies to overcome them.

The workshop is aimed at healthcare professionals, biomedical equipment suppliers, engineers and clinicians and biomedical engineering students in general.

Participation is
FREE
of charge!

Workshop Programme

Session	Topic	Presenter	Duration
1	Welcome and Introduction to the workshop	Dr. Pujitha Silva	30 min
2	Doing the Science Right	Prof Saroj Jayasinghe	30 min
3	Getting the Canvas laid out - Getting the Business Idea right	Dr. Travis Perera	30 min
4	Going to Market Strategy	Dr. Angelo Karunaratne	30 min
5	Question & Answer Session	With the panel of speakers	15 min
6	Product Regulation, Registration Hurdles	Dr. Nuwan Dayananda	30 min
7	Product commercialization challenges during the pandemic	CEng. Ajith Indikadulla	30 min
8	Piloting & scaling up	Dr. Pujitha Silva	30 min
9	Question & Answer Session	With the panel of speakers	15 min

Speakers

Dr. Pujitha Silva

Director - Centre for Biomedical Innovation | Senior Lecturer, Biomedical Engineering, University of Moratuwa | Founder, Kairos Sensing

Prof Saroj Jayasinghe

Consultant Physician | Former Chair Professor of Medicine - Department of Clinical Medicine, Faculty of Medicine, University of Colombo, Sri Lanka

Dr. Travis Perera

Senior Consultant and A Member of the Board of Study at the Postgraduate Institute of Management (PIM)

Dr. Angelo Karunaratne

Visiting Consultant, Department of Mechanical Engineering, University of Moratuwa | Tech Lead for Health and Wellness Projects at Twinery, MAS Innovations Pvt. LTD. | Product and Engineering Lead at wavetec

Dr. Nuwan Dayananda

Senior Lecturer in Biomedical Engineering, University of Moratuwa | Director, Premium-UOM R&D Laboratory for Biomedical Technologies

CEng. Ajith Indikadulla

CEO at East Link Group of Companies

WORKSHOP 5

7th International Multidisciplinary Engineering Research Conference

29th
July 2021

8.30 am -
12.30 pm

