

Medical Device Innovation Camp

MEDIC 2018

MEDICAL

DESIGN

IIT Bombay
28 Sep - 2 Oct 2018

MECHANICAL

ELECTRONICS

FOR
Working Professionals | Entrepreneurs | Innovation Managers



DAY 1

Explore clinical needs,
select team & project



DAY 2

Evolve novel solutions,
fabricate prototypes



DAY 3

Learn how to test and
certify medical devices



DAY 4

Plan IPR (patent filing)
and business start-up



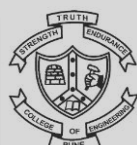
DAY 5

Present the prototype
to jury panel, win prizes

- ✓ Medical product innovation best practices
- ✓ Real-life project based rapid learning curve
- ✓ Personal mentoring by successful innovators
- ✓ Interaction with med-tech domain experts
- ✓ Certificates, prizes and BETiC Fellowships



Adarsha and Tapas, MEDIC winners and founders of Ayu Devices, with their smart stethoscope.



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What is MEDIC?	MEDIC is medical device innovation camp at IIT Bombay, from Fri 28 Sep to Tue 2 Oct 2018 . Over 5 days and 4 nights, participants will learn how to define an unmet clinical need, develop an innovative solution, deliver a validated product, and deploy it in the market. Leading faculty and domain experts will share the best practices in med-tech innovation. Successful innovators will mentor the participants through real-life inter-disciplinary team projects.
Who is organizing?	The Camp is organized by BETIC – Biomedical Engineering & Technology incubation Centre of IIT Bombay along with partners who are developing indigenous affordable medical products. BETIC is funded by RGSTC of Maharashtra Government and DST, New Delhi.
Who can participate?	Working professionals / entrepreneurs / innovation managers / faculty / team of four from: <ul style="list-style-type: none"> ○ Medical: Biomedical / Medicine / Dental / Physiotherapy ○ Design: Industrial Design / Product Design / Visual Arts ○ Engineering-I: Mechanical / Manufacturing / Materials ○ Engineering-II: Electronics / Electrical / Computer Science / IT Each team must have at least one each of above backgrounds. At least one of them must have professional or entrepreneurship experience. There is no age limit.
Is there a selection?	Yes, interested candidates need to pre-register (see below). Those who have already won a prize at any med-tech event (such as MEDHA) or award (such as BIRAC BIG) will be preferred. Managers of innovation centers need to be nominated by heads of their institutes. All need to send their biodata and portfolio of creative works prior to confirmation. Seats are limited to 60 (15 for each discipline as above), and will be filled on a first-come basis.
What will happen?	<p>Day 1: Watch curated videos of unmet clinical needs Form teams and select projects</p> <p>Day 2: Brainstorm, sketch concepts Start fabricating proof-of-concept / prototype</p> <p>Day 3: Learn about manufacturing, testing, validating and certifying medical devices</p> <p>Day 4: Draft patent, evolve business model, create presentation, practice pitching</p> <p>Day 5: Present the prototype to jury panel, win prizes and fellowship opportunities.</p>
Fees? Logistics?	Selected candidates are required to pay a non-refundable fee of Rs.2500. Participants need to make their own arrangements for travel to Mumbai. Local stay is planned in nearby budget hotel (for senior participants) and IIT hostels (for younger participants), to be paid themselves. Working lunch, dinner and midnight snacks will be organized.
Prizes? Opportunities?	All teams presenting working prototypes will get prizes. Top innovators will win a chance for BETIC Fellowships to convert their prototypes into marketable products, and start their own companies for commercialization. Winners of previous MEDIC (2015-IIT Bombay, 2016-VNIT Nagpur and 2017-COE Pune) have developed and filed patents for 40 different products, created 6 startup companies and licensed 4 technologies to industry.
How can I register?	Visit www.betic.org → Opportunities → MEDIC to pre-register and upload personal biodata as well as portfolio of creative works. Contact: Dr. Rupesh Ghyar, events@betic.org