



BETIC, IIT Bombay

## 8<sup>th</sup> Medical Device Innovation Course

Learn how to navigate: Idea  Invention  Innovation   
Impact

# MEDIC2024

5 Oct – 26 Oct, 2024

## WELCOME

Med-tech industry professionals, clinicians, start-up founders, R&D managers, innovation or incubation center heads, teachers & mentors committed to medical device innovation!





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## KEY FEATURES

### OUTLINE

- Intensive training program in medical device innovation
- Fine-tuned over last 6 years with several success stories
- Smart blended experiential learning (online and offline)
- Inter-disciplinary team project and expert jury feedback.

### FACULTY

- Expert lectures by faculty from different disciplines
- Project guidance by mentors with med-tech experience
- Interactive sessions with top industry professionals
- Peer learning with inter-disciplinary team members.

### BENEFITS

- ISO 13485 certified process of clinical need definition, product development, validation and commercialization
- Immediate application through medical device project
- Networking with experts and diverse team members
- Course completion certificate.

### PATH AHEAD

- Product development grants
- Startup venture incubation
- Technology licensing to industry
- Contribute to med-tech ecosystem.



Bedside → Bench → Business → Bedside



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### SCHEDULE

# MEDIC2024

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Platform: Google  
Meet [bit.ly/medic2024](https://bit.ly/medic2024)

| Day, Date   | Lecture Session (09:00-13:30)  |
|-------------|--|
| Sat, 05 Oct | <b>Product Development:</b> Concept evolution; Concept selection; Proof-of-concept & feedback; Product configuration; CAD, simulation & validation; Plastic, metal and electronics prototyping; Design verification (Online)       |
| 6 - 12 Oct  | <b>Team project:</b> Concept design, Product design, CAD modelling (Offline at your MEDHA Institute)   |
| Sun, 13 Oct | <b>Product Delivery:</b> Biocompatible materials; Medical-grade manufacturing; Quality system; Risk, failure modes & effects; Regulatory pathway; Pre-clinical lab testing; Human clinical studies; Manufacturing license (Online) |
| 14 - 18 Oct | <b>Team project:</b> Basic prototype fabrication, preliminary testing (Offline at your MEDHA Institute)  |
| Sat, 19 Oct | <b>Product Deployment:</b> Patent filing & IPR; Technology licensing; Business venture planning & partners; Go-to-market; Supply chain & distribution channel; Funding avenues; Proposal pitching; Future roadmap (Online)         |
| 20 - 25 Oct | <b>Team project:</b> Pitch preparation (problem, solution, prototype & feedback).  |
| Sat, 26 Oct | <b>Finale:</b> Jury Discussion and Interaction with others. (Offline Venue: VMCC, 3rd Floor, IIT Bombay)                                       |



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