

# HOMOEOPATHY ARENA

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## **MedTech Mitra: Empowering Innovation in Medical Technology**

### **Community Medicine, Research Methodology and Biostatistics**

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#### **Introduction to MedTech Mitra**

- MedTech Mitra is a strategic initiative launched by the Government of India and Indian Council of Medical Research (ICMR) to support and empower innovators in the medical technology (MedTech) sector. The platform aims to facilitate the development of affordable and accessible indigenous medical devices and in-vitro diagnostics by providing comprehensive support in clinical evaluation, regulatory facilitation, and the uptake of new products.

#### **Back ground and Launch**

- MedTech Mitra was launched on December 25, 2023, under the guidance of NITI Aayog, with the Indian Council of Medical Research (ICMR) and the Central Drugs Standard Control Organization (CDSCO) as key partners. The initiative is coordinated by the Medical Device and Diagnostics Mission Secretariat (MDMS) at ICMR. The platform operates as an online portal, enabling innovators and startups to seek guidance and support throughout the development life cycle of their Med Tech products

#### **Overview: A strategic initiative by-**

The Indian Council of Medical Research (ICMR) in partnership with the Central Drugs Standard Control Organisation (CDSCO), under the guidance of NITI Aayog.

**Purpose:** To support the development of affordable and accessible indigenous medical devices and in-vitro diagnostics.

• **LaunchDate:** December 25, 2023

## Objectives of Med Tech Mitra

**Med Tech Mitra aims to:**

- **Provide Handholding Support:** Assist innovators in navigating the complex journey from ideate on to product deployment, offering guidance in areas such as regulatory compliance, clinical evaluations, and technology assessment.
- **Streamline Regulatory Processes:** Facilitate the approval process by providing support in obtaining necessary certifications and ensuring adherence to national and international standards.
- **Promote Technology Uptake:** Encourage the integration of new Med Tech Products into health care systems, enhancing their accessibility and impact

**Collaboration:** Fostering collaboration among stakeholders in the medical technology field.

For example:-

1. **NEUROTECHNOLOGY-Brain computer interfaces, neuroprosthesis.**
2. **NANOTECHNOLOGY-Nano particles in cancer treatment, nano sensors for diagnostics**

## Support:

The platform offers a range of services to Med Tech innovators:

- **Regulatory Facilitation:** Assistance in navigating the regulatory landscape, including support from CDSCO for product approvals and certifications.
- **Clinical and Pre-Clinical Evaluation:** Access to testing and evaluation facilities, including collaborations with institutions like the Kalam Institute of Health Technology (KIHT) and the Andhra Pradesh MedTech Zone (AMTZ).
- **Health Technology Assessment (HTA):** Guidance on assessing the cost-effectiveness and suitability of new technologies through the HTA In cell.
- **Guidelines and Standards:** Provision of evidence-based guidelines and information on applicable standards to ensure compliance and quality.
- **Information and Advisory Services:** Access to information on testing and manufacturing facilities, funding opportunities, and intellectual property advisory.

- **Clinical Evaluation:** Assistance in conducting pre-clinical and clinical studies
- **Regulatory Guidance:** Support in obtaining necessary approvals and ensuring compliance with standards.
- **Infrastructure Access:** Connecting innovators with research institutions and facilities.
- **Funding Opportunities:** Providing access to funding for research and development.
- **Capacity Building:** Offering training and resources to enhance skills and knowledge

### Strategic Importance

MedTech Mitra aligns with India's vision of becoming a self-reliant nation in healthcare, contributing to the goal of an 'Atmanirbhar Bharat'. By reducing dependence on imported medical devices—which currently accounts for up to 80% of the market—the initiative aims to foster domestic innovation and manufacturing. The platform is expected to play a pivotal role in transforming India's MedTech sector into a \$50 billion industry by 2030, driven by advancements in technologies such as robotics, artificial intelligence, and nanotechnology.

### Significance of MedTech Mitra

- Helps India become **self-reliant in medical technology**.
- Encourages **domestic innovation** and reduces dependency on expensive imports.
- Aids the **Ayushman Bharat Digital Health Mission** by integrating smart devices and diagnostics.
- Promotes **Universal Health Coverage (UHC)** by making tech **affordable and accessible**.

Supports **Atmanirbhar Bharat** in health systems development

### Accessing MedTech Mitra

Innovators and startups can access the MedTech Mitra portal at [www.medtechmitra.gov.in](#) where they can submit details of their products and request guidance and support. The platform serves as a comprehensive ecosystem, bringing together various stakeholders to enhance cooperation and promote progress in the health sector.

In summary, MedTech Mitra is a transformative initiative that provides critical support to MedTech innovators in India, facilitating the development and adoption of indigenous medical technologies and contributing to the nation's healthcare advancement.

**Role of Homeopathic Medical Colleges** You play a vital role in MedTech Mitra's ecosystem:

- **Adoption of MedTech:** Use digital diagnostic tools in homeopathy clinics.
- **Evidence-based Homeopathy:** Use technologies for data collection, clinical trials, and documentation.
- **Inter disciplinary Collaboration:** Partner with engineers and tech startups for innovation.
- **Academic Projects:** Encourage student research involving technology in homeopathy

### **How to Get Involved:**

**Visit the Portal:** Understand how it works and the kind of support available.

**Submit Projects:** Even early-stage ideas are welcome.

**Collaborate with Startups:** Act as clinical partners or field testers.

**Organize Workshops:** Invite MedTech Mitra speakers to campus.

References:-

1. <https://www.icmr.gov.in/post/medtech-mitra-a-niti-aayog-icmr-cdsco-initiative-2>
2. <https://cliniexperts.com/regulatory-update/cdsco-and-icmr-launches-medtech-mitra/>
3. Community Medicine with Recent Advances; 7th Edition 2023 by AH Suryakantha.