



Charting New Frontiers Powering the MedTech Ecosystem in Kerala

KMTC

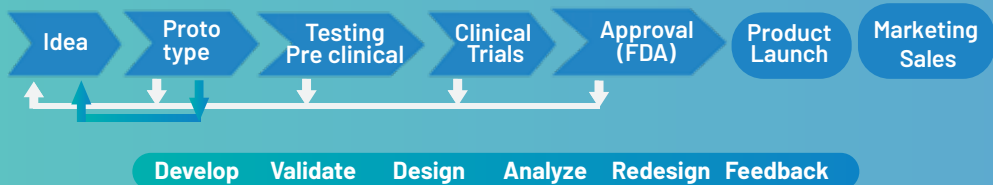
KERALA MEDICAL TECHNOLOGY CONSORTIUM

Kerala Medical Technology Consortium



The field of medical technology covers medical devices that include instruments and apparatus in diagnosis, monitoring, treatment or prevention of diseases, along with medical IT, healthcare technology and the Internet of Things. The industry is characterized by innovation and frequent introduction of new technologies.

Medical Device : Long pathway of Development Life Cycle



This process often takes 2 to 10 years, with several potential Valleys of Death. It is difficult for any one entity or organization to undertake all aspects of the technology development of medical devices .



A catalyst that could support this development cycle, particularly in India is a consortium focused on medical technology that connects all the institutions and creates an entrepreneurial ecosystem. A focused consortium would help Catalyse this journey and fuel the immense entrepreneurial growth in India.

The Kerala Medical Technology Consortium (KMTC) envisions creating services that support entrepreneurs in each area of the lifecycle

Kerala Medical Technology Consortium



Kerala Medical Technology Consortium (KMTC) is the flagship program from the Government of Kerala, aimed at positioning Kerala as a medical technology and devices hub. KMTC is a futuristic and highly ambitious program envisioning to create an appropriate ecosystem in the state to foster medical innovation, R&D, technology development and manufacturing over the next decade.

Vision

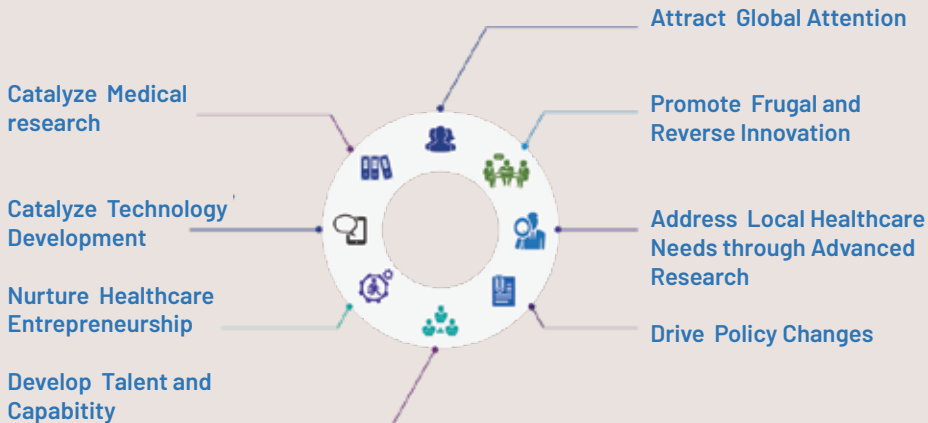
Kerala will aspire to be the medical devices hub of India in 2032 and in the Top 20 globally

Mission

To accelerate Medical Device manufacturing and technology in Kerala by fostering an ecosystem of knowledge sharing between Research Organizations, Academic Institutions, Industry, Healthcare Institutions and Government.



What Does KMTC aim to do ?



Why Kerala ?

A unique constellation of factors makes Kerala a prime locale for headquartering an advanced and capable medical device and technology industry.

- Academic institutions doing world-class research in the areas of cardiovascular,neurosciences, nanotechnology, oncology, and infectious disease.
- Number of highly trained and skilled researchers, technicians, scientists who can populate the workforce of the medical device and technology sector .
- Tertiary level hospitals that are attuned to the need for and the ability to performing advanced clinical procedures using novel technologies
- A highly educated patient population seeks and demands cutting edge clinical procedures
- The Best Rated Startup Ecosystem in the Country
- Research Innovation Network of Kerala (RINK) ; Multiple theme-based Incubators: Bionest (Biotech), Maker Village (Electronics and Hardware),TiMED (MedTech), STADE & Fab & Super Fab Labs

30+

Medical Universities
& Research Centres

National Nodal Research Centre for development of Biomedical Devices (COFRAC Accredited)

National Centre for IoT & Graphene

National Institutes of Biotechnology & Advanced Virology

National Institute of Interdisciplinary Sciences & Technology

Electronic Regional Testing Laboratory

University of Veterinary & Animal Sciences

Centre for Development of Advanced Computing

Centre for Materials for Electronic Technology

20+

Existing Global Scale
MedTech Companies.

One of the World's Largest Blood Bag Manufacturing facilities

India's Fastest Growing Company in the IVD Sector

India's only indigenous manufacturer of Heartvalves

USFDA approved Dental Prosthesis Manufacturer

One of the Largest ODM Plus Global Solutions Provider to Global Companies

Global Scale Producers of Infection Control Products