



# Universal Health Coverage & Role of Health Technology

**Dr. Jitendar Sharma**

Managing Director & CEO- AMTZ

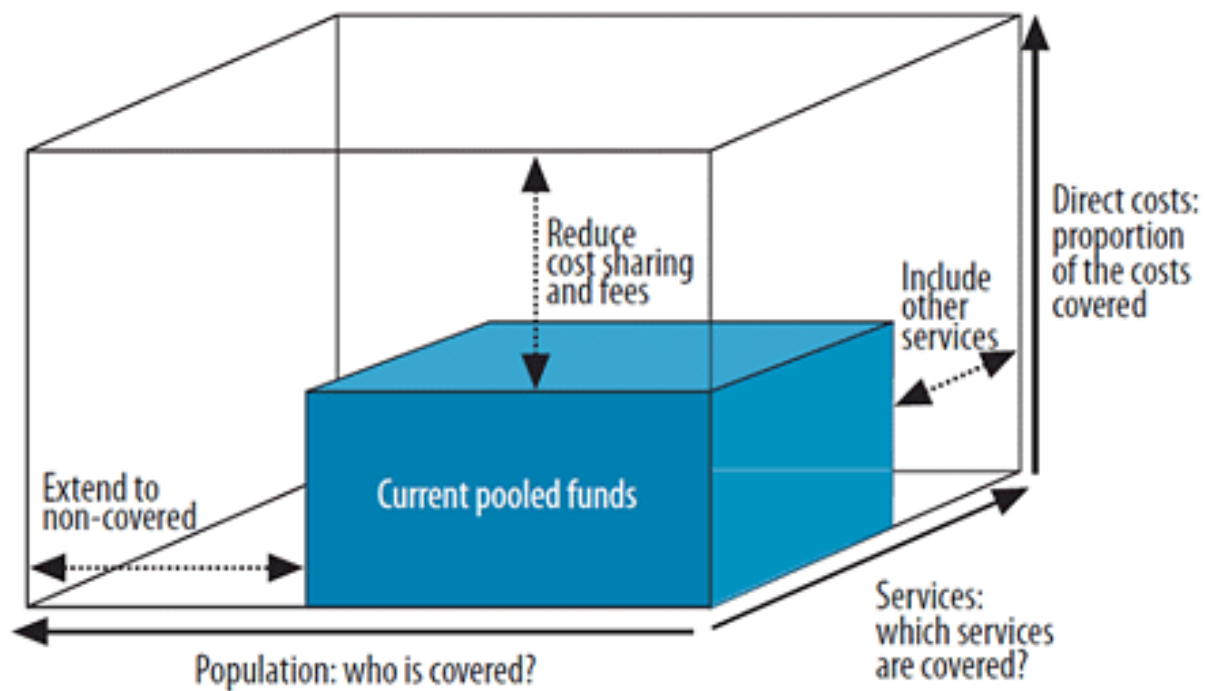
Executive Director- Kalam Institute of Health Technology

Distinguished Senior Fellow-Niti Aayog

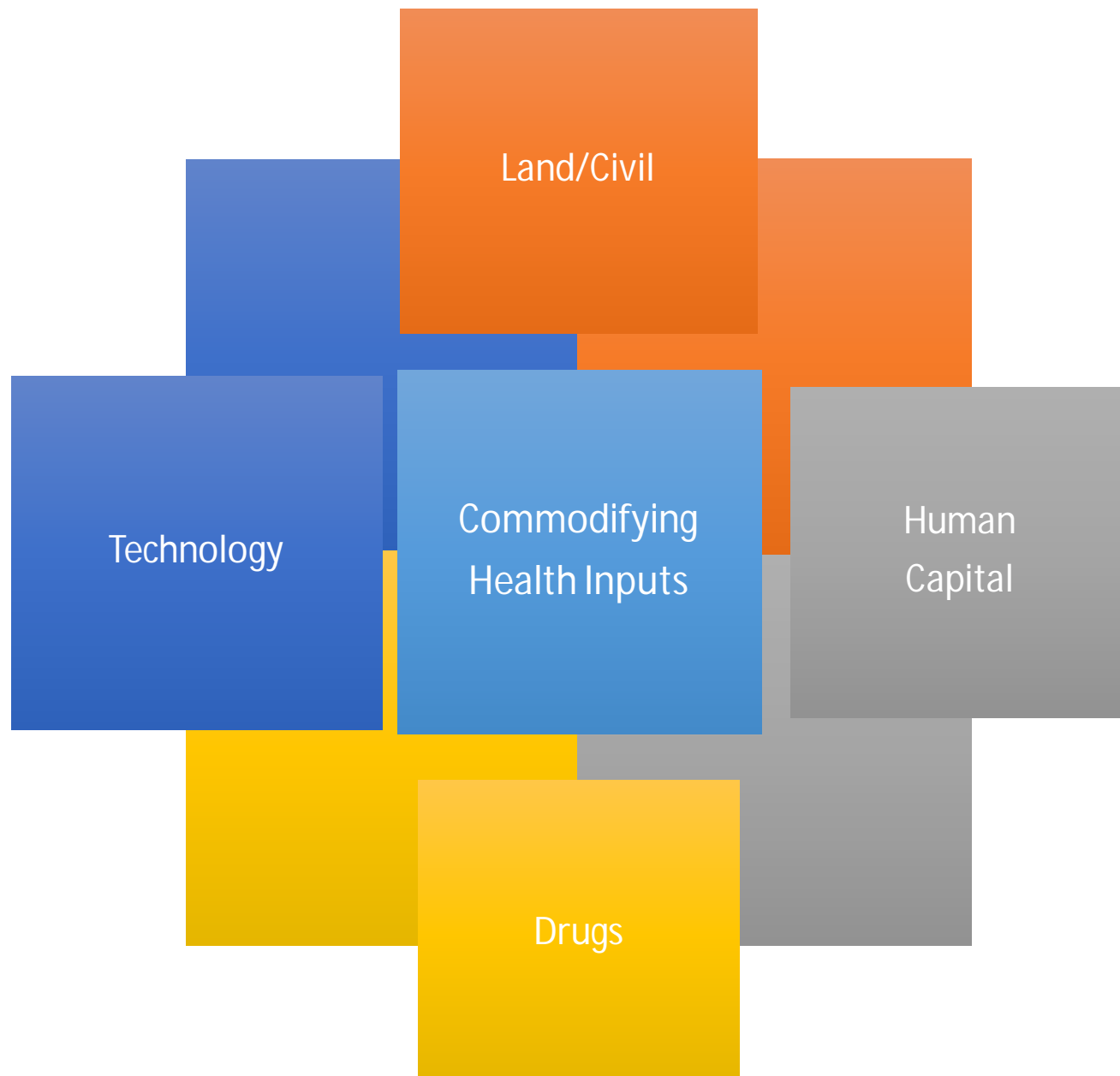




# What is UHC



Three dimensions to consider when moving towards universal coverage

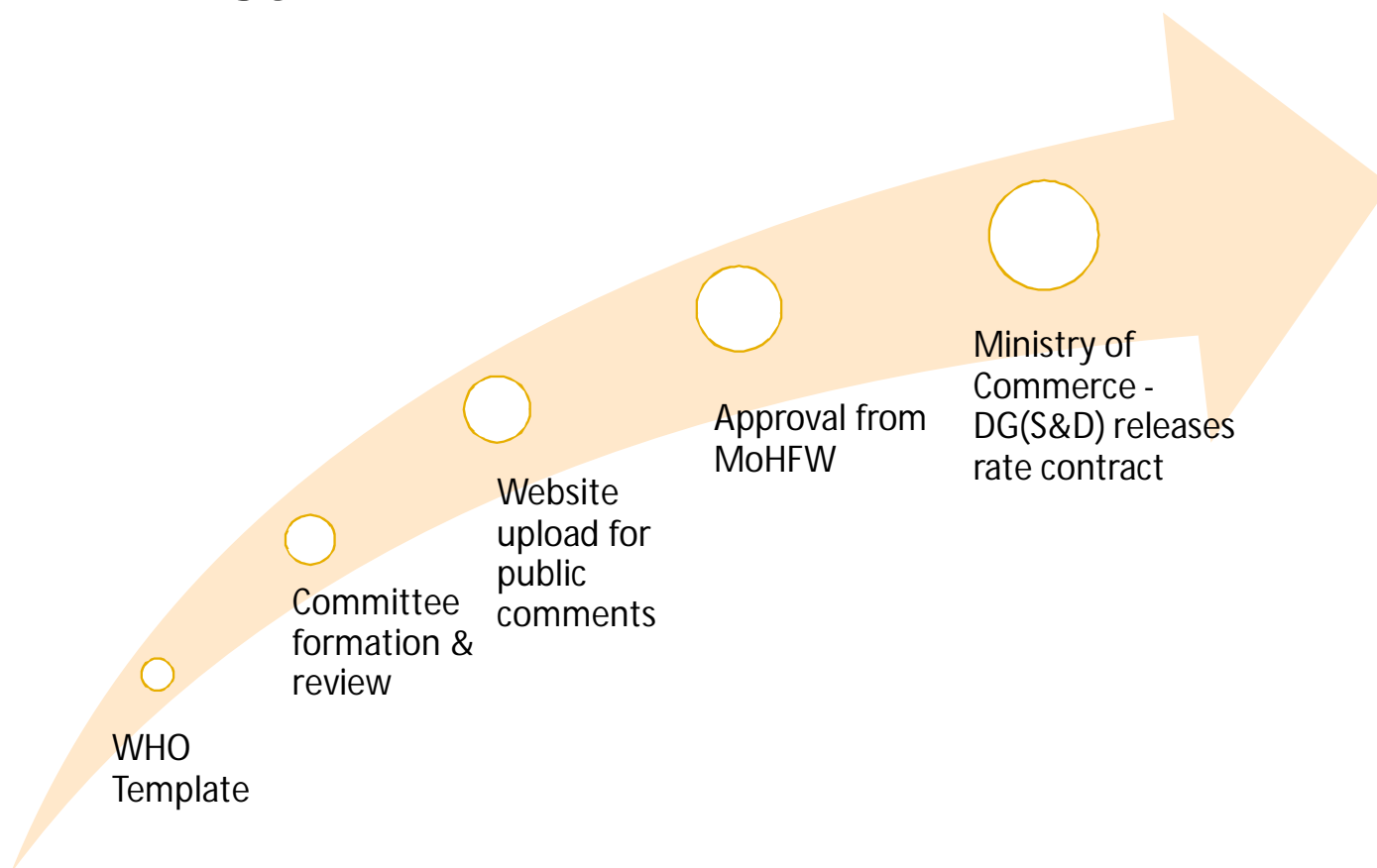


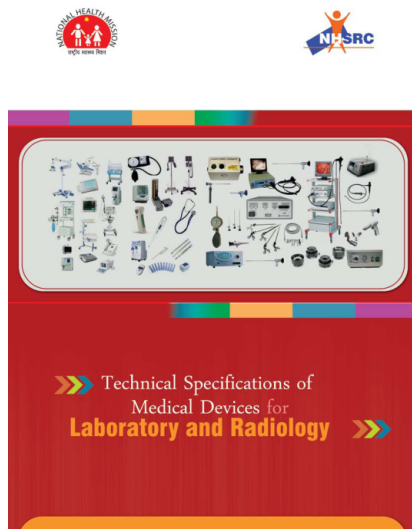
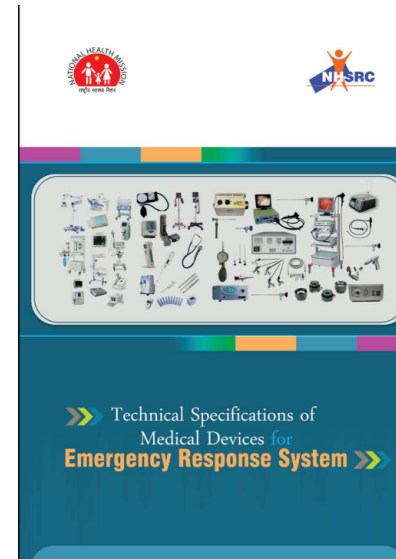
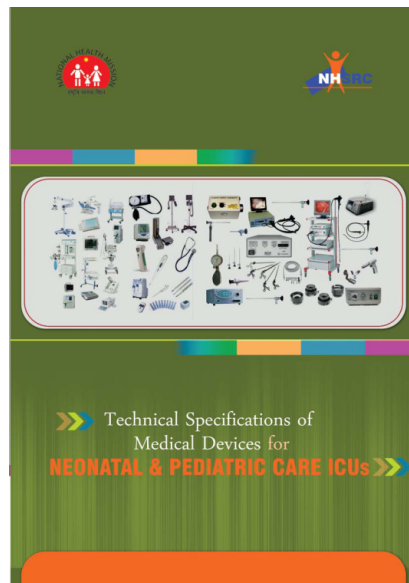
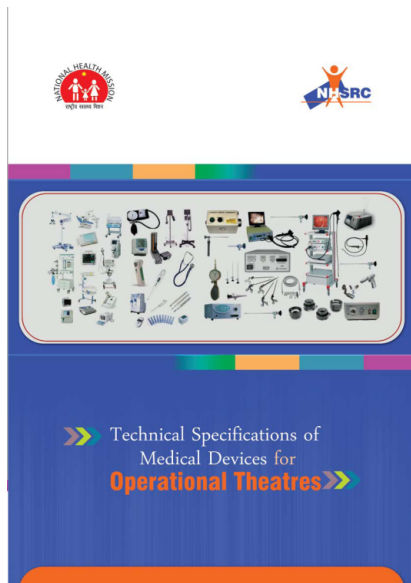
**1. Technical Specifications** of Medical Devices procured under National Health Mission at district and sub-district level

**Goal:** To address variation in specifications, and to support states in procurement of appropriate and cost effective technologies by enabling rate contracts

**Work done:** Specifications for total of 180 devices pertaining to sick new born care units, pediatric & neo-natal care units, Operation Theaters, Laboratory & Radiology, Ambulances

# Methodology





# Medical Device Market

- The Indian medical device market is USD 4.0 Billion (INR 35,000 Crores) and growing at CAGR of 16%
- The industry estimate suggests that the Indian medical device market will grow to INR 55,000 crore by 2020 (in next two years)
- India is 80% import dependent and for complex medical equipment 100% import dependent (Rs.24,000 Cr import per annum).

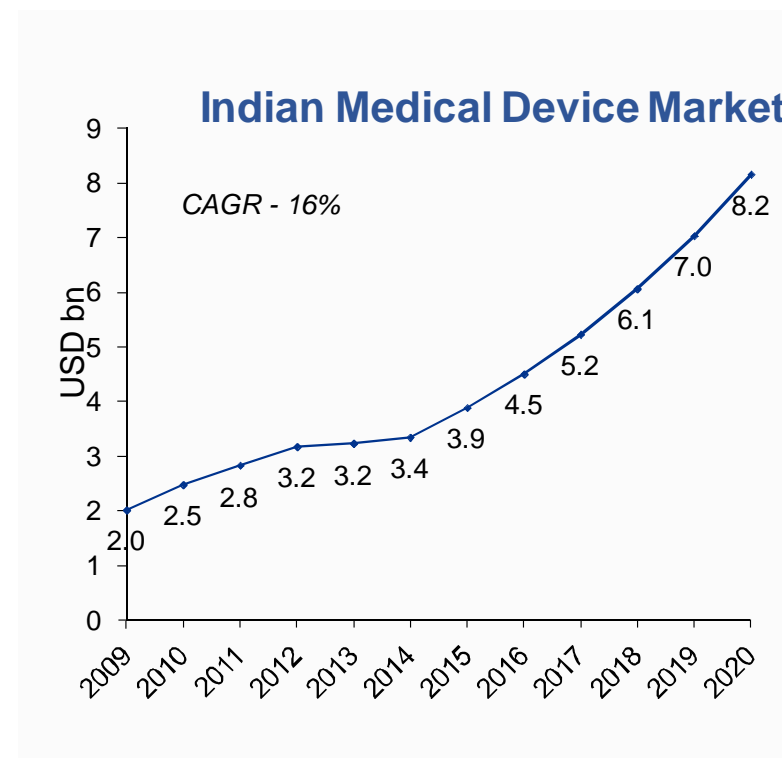


Figure : Indian Medical Device Industry Market Size





## Med-Tech Capital of India

S.NO	BUILDING	NO. OF PLOTS	LAND AREA (ACRE)	TOTAL LAND AREA (%)
<b>Cat-1</b>				
<b>Cat-1: (Construction)-Common Facilities (incl Scientific facilities &amp; R&amp;D Rtg Units A3 to A9, B1 &amp; C2) Common commercial facilities.</b>			<b>20.55</b>	
A3	Convention Centre	1	2.50	1.23%
A3	Med Equip Hall	1	7.00	3.41%
A4	Common Scientific facilities	1	6.43	3.13%
A5	Centre for Radiation Testing	1	0.49	0.24%
A6	Centre for Gamma Radiation	1	1.04	0.51%
A6	Center for Electromagnetic Interference	1	1.00	0.49%
A7	Center for Med Tech Innovation, Resid Prototyping & 3D Printer	1	3.00	1.45%
A8	Center for X-ray & CT scan tube Manufacturing	1	2.00	0.97%
A9	Center for Biomedical Lab Manufacturing (incl two level R&D structure)	1	1.20	0.58%
B1	Administrative & other facilities with 2 level car parking	1	1.50	0.73%
1	APJ National Institute for health Technology Policy			
2	Administrative office Block (including AMTZ Licensing authorities, Import & Export, etc)			
3	ROAD LIGHT & some Infrastructural Area (Over - public utilities)			
4	Common office Complex for HR/CSF & Streamline			
B7(c)	Site office	1	1.5	0.73%

# Scientific Laboratory Ecosystem



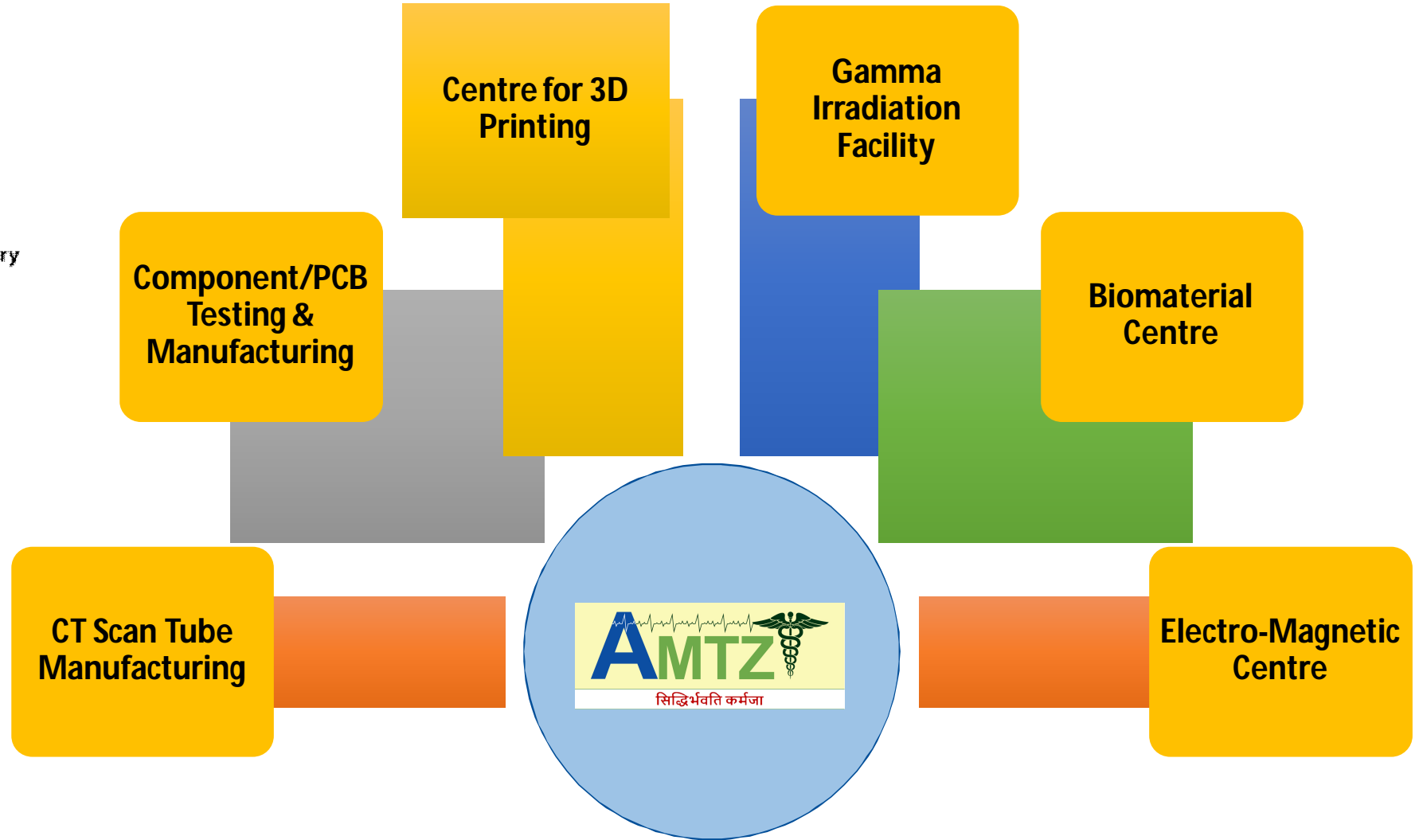
सत्यमेव जयते

Department of Commerce  
Ministry of Commerce and Industry  
Government of India

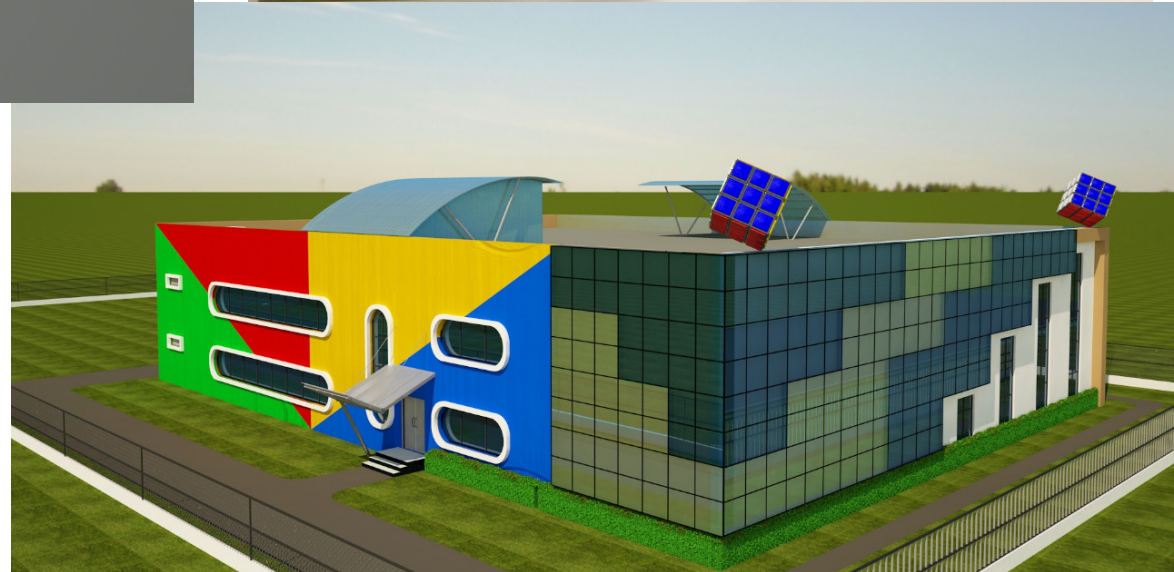
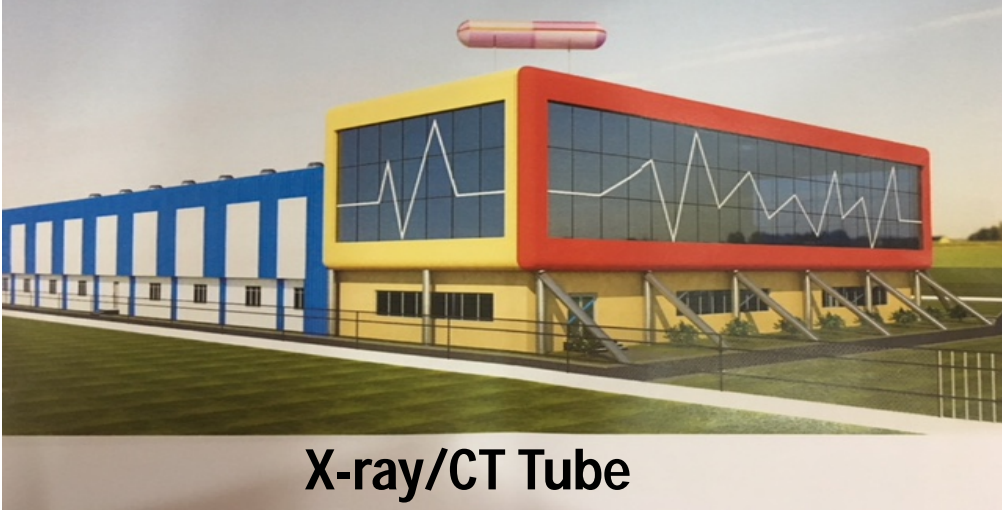


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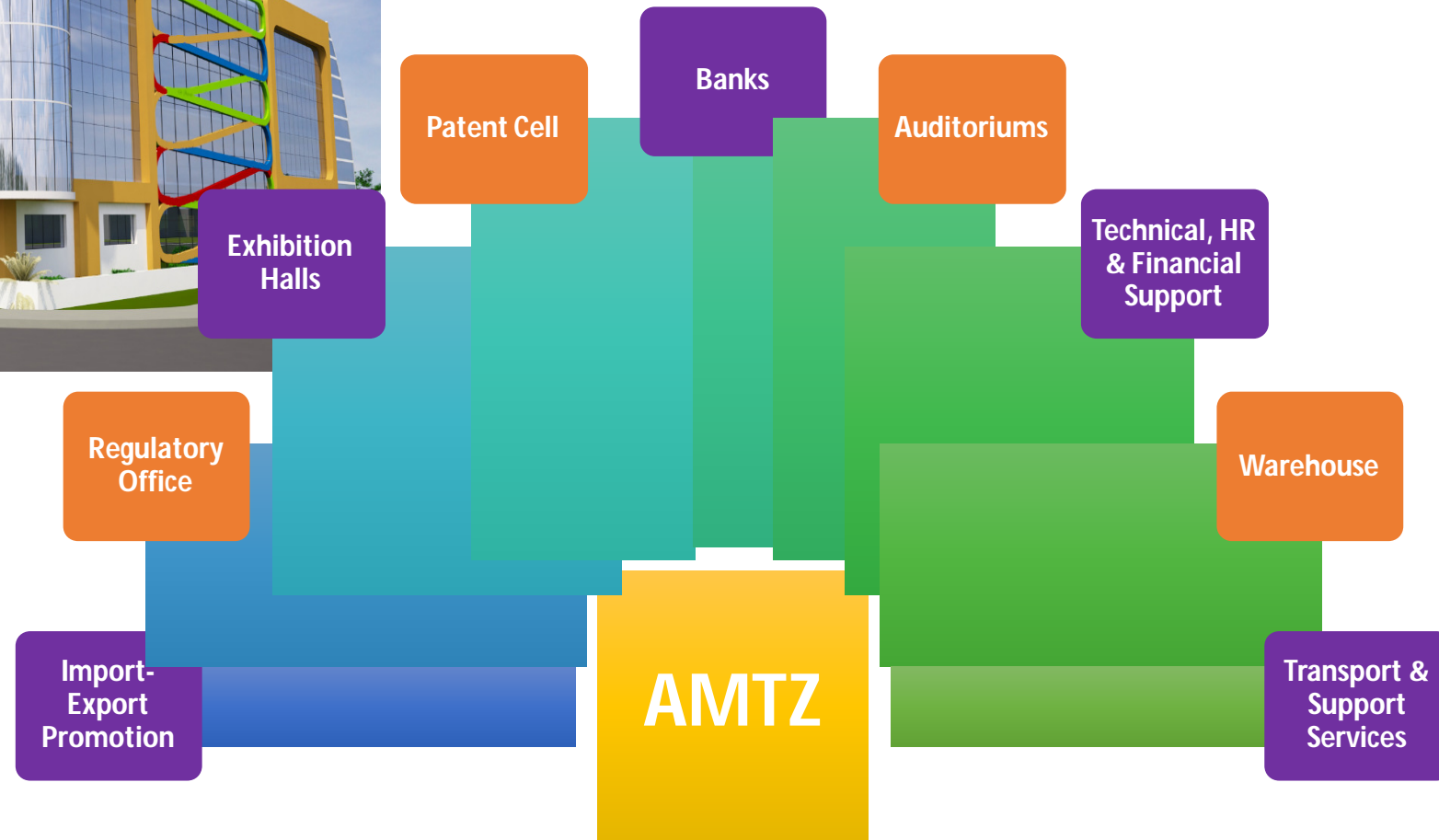
Ministry of Electronics and  
Information Technology  
Government of India



*India's 1<sup>st</sup> Integrated Medical Devices Manufacturing Park*



## Business District



*India's 1<sup>st</sup> Integrated Medical Devices Manufacturing Park*



**KALAM INSTITUTE OF HEALTH TECHNOLOGY**  
(Department of Biotechnology, Government of India Project)



HOME

KIHT

DIVISIONS

AMTZ

RECRUITMENT

DOWNLOADS

CONTACT US



Organization Motto: Vigyanena Jaataani Jeevanti/ विज्ञानेन जातानि जीयन्ति

## Mission

Kalam Institute of Health Technology (KIHT) aims to facilitate focused research on critical components pertaining to medical devices by supporting institutions involved with R&D, industry, policy makers and knowledge repositories. This shall be achieved through transfer of technical knowledge and bringing strategic and coherent synergy of scientific facilities and institutions to compliment efforts on industrial promotion in the medical devices segment. It lives to bring increased access to affordable health products to citizens and a thriving medical devices manufacturing sector in India.



सत्यमेव जयते  
DEPARTMENT OF BIOTECHNOLOGY  
GOVERNMENT OF INDIA



**KALAM INSTITUTE OF HEALTH TECHNOLOGY**

- Facilitates focused research on *Critical Components*
- Enabling *Rapid Technology Transfer* from research to industry (e-auctions)
- Enabling *Technical Partnerships* for product development
- Bringing strategic and coherent synergy in *Scientific Infrastructure*



**NITI Aayog**

(National Institution for Transforming India)  
Government of India



**AMTZ**

सिद्धिर्भवति कर्मजा

# ATAL INNOVATION MISSION

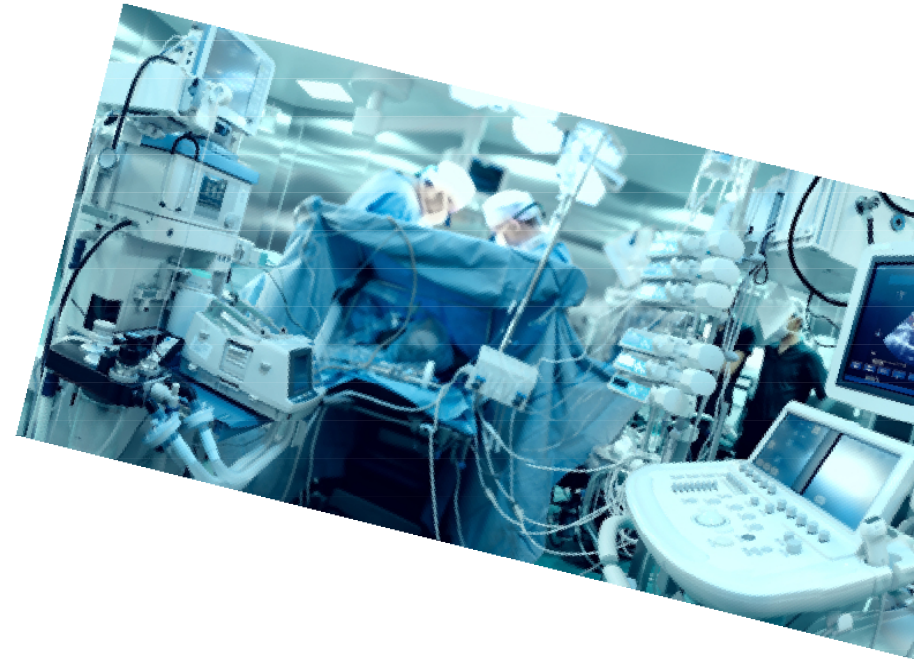
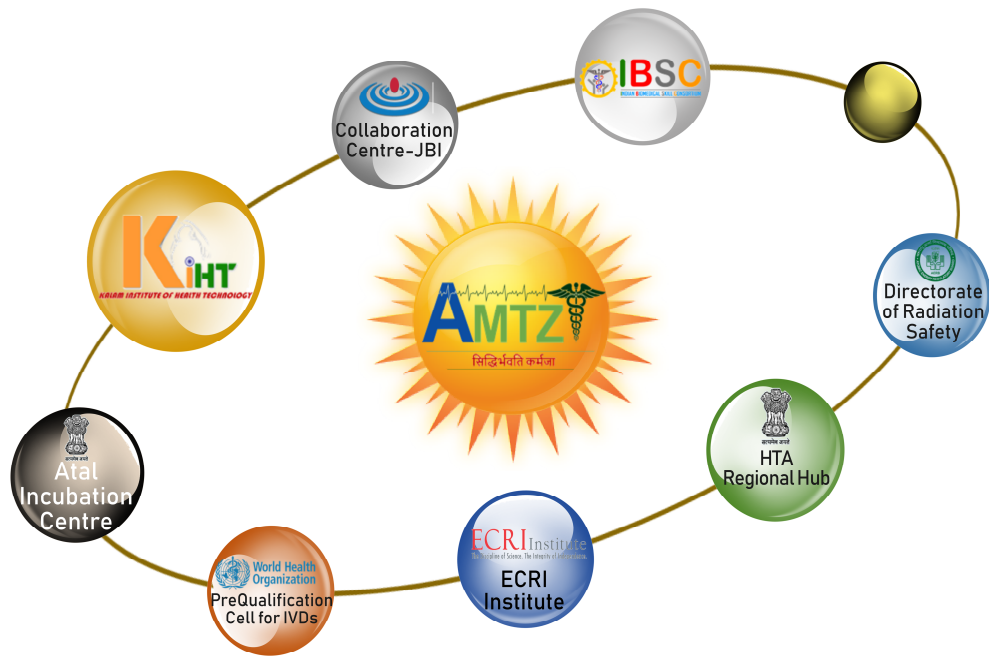


- Grant-in aid USD 3 Million exclusively for Health Technology Start-ups
- Built up area of 25,000 sq. feet provided
- Fifty Start-ups support in 2 years



# Any Time Medical care (ATM) Sub Centre Model





***Thank you***