

Annexure I

List of Priority Technologies for Development

S. No	Technology Name
1	High Intensity Focused Ultrasound (HIFU)
2	Cavitron Ultrasound
3	Colposcope and Ablation Device
4	AI-based Digital Pathology & Slide Scanner
5	Handheld Portable OCT
6	Pediatric retinal imaging device
7	3D Ocular Ultrasound
8	Dry Eye Disease Diagnosis/Treatment
9	Micro-illuminated catheter for trabeculotomy
10	Portable Fundus Fluorescent Angiography
11	Portable Auto-refractometer
12	Portable non-invasive Tonometer
13	AI for optic nerve disease detection
14	AI-based technology for Amblyopia
15	Universal Eye Screening Device for Vision
16	Pupilometer
17	Piezo-surgical units
18	Intra-oral Scanner POCT for Oral Cancer
19	Ultrasonic scalers
20	POCUS with AI ML
21	OAE/BERA/Audiometer
22	Phonics speaker device
23	Operating Microscopes
24	ECMO machine and disposables
25	Transcranial magnetic stimulation

26	Transcranial Direct-Current Stimulation (tDCS)
27	Brain Computer Interface Applications
28	Continuous Glucose Monitoring System (CGMS)
29	Portable Dental X-ray
30	Intraoperative Nerve Monitoring Devices
31	Wearable Exoskeleton
32	High-quality ICU ventilators
33	AI-based Chest X-ray readings
34	Portable Oxygen Generator
35	ECG Transmission Device
36	EEG with AI ML integration
37	Electro Neuro-Myography (ENMG)
38	Amplitude Electroencephalogram
39	Dental Apex Locators
40	Spirometers
41	Portable Spirometer
42	Cooling boxes/portable fridge
43	Wireless wearable fetal monitor
44	Software for ENT data
45	pH Metry for Acid Reflux
46	Smartwatch for Epileptic Seizures
47	POCT for urine protein/creatinine ratio
48	Sleep apnea home-based testing
49	Bronchoscopy system
50	Robotic Surgery
51	ENT endoscopes
52	Endoscopic System for upper GI (side/end bearing)
53	MR and CT scanners

54	Tumor tracking & motion management device
55	AI-based Technology for Diabetic Retinopathy
56	AI tools for Retinopathy of Prematurity
57	Simulators for Surgical Training
58	Wound Management Device
59	Non-invasive glucose sensing device
60	POCT for serum creatinine
61	POCT kit for Oral Cancer
62	DLCO test
63	Electronic Nose for VOC Detection
64	Sweat Chloride Detection Device
65	Preterm labour prediction
66	Vascular Graft
67	Artificial Cornea
68	Recombinant Bone Morphogenetic Protein
69	Hemostatic solutions (FloSeal)
70	Airway stents
71	Artificial Skin
72	Amniotic membrane-based dressings
73	Tracheal balloons and stents
74	Endoscopic metal stents
75	Vascular Stents for Various vessels
76	Deep Brain Stimulation device
77	Vagus Nerve Stimulator
78	Multi-cancer early detection kits
79	TMJ implants
80	Cochlear implant
81	Bone-anchored hearing aid

82	Celiac antibody kits
83	BioFire for multiple organisms
84	Insulin pumps and automatic insulin delivery system
85	Coronary Calcium-modifying Atherectomy devices
86	High-quality surgical instruments
87	Argon Plasma Coagulation Device
88	POCT for Acute Kidney Injury (AKI)
89	Fetal shunts
90	Gamma Knife Therapy
91	Nanotechnology for drug delivery to posterior eye
92	Restorative Materials (Alternative to dental Amalgam)
93	Dural substitutes (Duragen)
94	Newborn Transport Systems
95	POCT for TB differentiation
96	High-end Lasers
97	Endoscopic System (side/end bearing)
98	Urine-based HPV screening devices
99	Bone replacement graft material
100	Vessel Sealing Devices