Centre For Bioengineering and Biotechnology

Medical Devices
Devices created for prevention, treatment, diagnosis, restoring, correcting, or analyzing bodily functions.

Imaging
Utilizing imaging systems, processing, improving the visual representations of cells or interior body for analysis.

Machine Learning/AI
Giving computers the ability to learn from data and let machines carry out tasks (e.g. object detection, drug discovery, DNA sequencing, speech recognition).

Top Technologies

Therapeutics
Technology used in the treatment or remedial agents of disease or rehabilitation.

Sensors & Diagnostics
Electronic detection of changes in the environment and technology used in the practice of medical diagnosis or molecular diagnosis.

Computational & Disease Modelling
Modelling biological systems such as algorithms, data structures, visualization and communications tools, how disease develops, and treatment testing.

Biomarkers
Markers in an organism whose presence is indicative of the medical state of a patient. Detecting disease, infection, or environmental exposure.

Biomaterials
Substances engineered to interact with biological systems for a medical purpose either therapeutic or diagnostic such as stents, contact lenses, bone plates.