Emerging Technology In The Healthcare Sector-

Introduction Technology is doing wonders for the health care world. It has become a major factor of competition in the entire healthcare industry. The quality of facilities plays an important role in shaping health care programs. Due to its low price, precise detection and resolution, technology complements the needs of the hospital in an effective way. With the improvement of technology, we have witnessed how people's health and wellbeing have improved by using fitness apps and watches that track calories and footsteps.

Research on Technology in the Medical Field-* Certain types of technology have the potential to be very beneficial to the medical field. There are a few types of technology that may be particularly beneficial to medicine, such as 3D printing, electronic health records, and robotic surgery. 3D printing can change medicine by being able to print bones, organs, and custom hearing aids. Electronic health records make medical information more available to patients and make it easier for doctors and nurses to chart patients' medical information. Also, robotic surgery is very beneficial because it is less invasive and requires less recovery time. Due to the potential benefits of this technology to the medical field, research should be implemented for technologies such as 3D printing, electronic health records (EHR), and robotic surgery.

* Benefits-

• Easy access to patient medical records: The collection of patients' data is one of the most paramount aspects of the healthcare field. Medical data is essential for doctors to analyses the patient's situation and illness and then to find a possible cure for it. In the past, patient records used to create large amounts of paperwork because everything was on paper and pen. Accessing past records was troublesome. However, with the advent of digitalization, the medical information of patients can be keyed into a cloud-based, digitized system. This has provided extraordinary ease for specialists, patients, and medical billers to access information with a click of a button, from anywhere at any time.
This system is called Electronic Medical Records (EMRs), or Electronic Health Records (EHRs).

• Medical error reduction: Technology has facilitated the development of systems that have been shown to reduce medical errors and save more lives. The clinical decision support (CDS) system provides the health care professional with medical information and patient-specific information. This information is rationally filtered and presented to the healthcare professional at appropriate times, intending to enhance the decision-making of the healthcare provider.

• Greater patient care-
The use of technology can increase patient engagement, providing insight to help create hyper-targeted, personalized health and wellness plans. providing personalized information to patients and specialists Specialists can keep track of patients' health more efficaciously, such as their adherence to treatment plans, etc. As such, such technological gadgets ensure that patients enjoy superlative care, enhancing the healthcare experience and quality for all.

• Reduction in cost-
The reduction in medical errors directly reduces costs for both the practitioners and patients. By

leveraging technology to reduce diagnosis and prescription errors,
While switching from paper to medical EMR in clinics can reduce outpatient care costs by 3%,
Emerging digital technologies can exponentially improve healthcare affordability, efficiency through automation, and quality care.

Healthcare is one of the fields that has benefited from the power of modern technology. The application of different devices has empowered physicians and practitioners to deliver timely and high-quality medical support to their patients. With efficient lobbying techniques, local governments and policymakers can be informed about the relevance of the selected topic and present adequate funds to support the agenda.