

# **ROBOTICS IN HUMAN HEALTH CARE**

**Abha J**

*Master of Computer Applications, SJCT Palai*

*abhajaadj@gmail.com*

## **ABSTRACT**

The emergence of robotics is transforming industries around the world. Robot technologies are evolving exponentially, particularly as they converge with other technologies such as artificial intelligence to learn from their environment, from each other, and from humans. Robotics in health care is a fast-growing area, the use of medical robotics is bringing greater precision to surgical procedures and efficiencies to hospitals and clinics. This paper propose some of the most important capabilities and technical achievements of medical and health-care robotics needed to improve human health and well-being. It describes application areas, societal drivers, motivating scenarios, desired system capabilities, and fundamental research areas that should be considered in the design of medical and health-care robots. The goal of the seminar is to understand the emerging role of robotics in health care and identify existing and likely future challenges to maximize the benefits associated with robotics and related convergent technologies.