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Latest Innovation in Robotics

Gayatri M. Ghodke[1] and Nilima Prakash Jajoo[2]
Student, Department of Computer Science[1]
Assistant Professor, Department of Computer Science[2]
Sarhad College of Arts, Commerce and Science, Pune, India
gayatrighodke03@gmail.com and jajoonilima25@gmail.com

Abstract: *Robotics is the science of creating and assembling tangible robots to enhance automation and creativity. Engineering and computer science are combined in the field of robotics, which deals with the creation, manufacturing, and use of robots. Robotics is undergoing a fast evolution with ground-breaking discoveries that are changing entire sectors and societal contexts. Recent advances in AI have accelerated robotics' progress toward more flexibility and autonomy. There are many different types of robotics. A robot could be an artificial intelligence (AI) device that looks like a person, or it could be a robotic application like robotic process automation, which resembles how people interact with software to carry out repetitive, rule-based tasks. The continued convergence of robotics with artificial intelligence, materials science, and other interdisciplinary domains holds the potential to open up new avenues for automation and human-robot cooperation. This study offers an overview of the most recent advancements in robotics, including significant technological innovations, cutting-edge applications, and developing trends.*

Keywords: Robotics, Automation, Artificial Intelligence, Technology, Innovation, Material Science

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