

Challenges in Robotics

1. Technological Limitations: Developing robust sensors, efficient power sources, and advanced control systems to enable more sophisticated and versatile robotic capabilities.
1. Operational Challenges: Overcoming obstacles like environmental uncertainty, complex interactions, and the need for reliable real-time decision-making in dynamic environments.
1. Safety and Ethics: Ensuring the safe and ethical deployment of robots, addressing concerns around liability, privacy, and the potential displacement of human jobs.
1. Societal Acceptance: Addressing public concerns and misconceptions about robots, and promoting their responsible integration into our daily lives.