

# A Study on Role of Human Computer Interaction

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**Abstract:** *Human-Computer Interaction (HCI) has become a pivotal area of study in modern computing, influencing the way users interact with technology. This paper explores the foundational aspects of HCI, its impact on user experience and design, and how its principles contribute to creating intuitive, efficient, and accessible systems. The study highlights the growing importance of HCI in developing user-centric technologies that enhance engagement and satisfaction.*

**Keywords:** Human-Computer Interaction, User Experience, Interaction Design, Accessibility, Usability