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#### National Seminar on 'Sanskriti Ka Badlta Swaroop Aur Al Ki Bhumika'



### **Social Consequences and Challenges of AI**

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#### **Abstract**

The rapid development and deployment of Artificial Intelligence (AI) technologies have led to profound social consequences and challenges that demand urgent attention. AI offers transformative potential in areas such as healthcare, education, and business, but its widespread integration into society raises critical issues. These include job displacement, economic inequality, and the erosion of privacy, as automation replaces human labor and AI-driven surveillance systems become more pervasive. Additionally, AI systems often perpetuate biases inherent in the data they are trained on, leading to discrimination in areas such as hiring, law enforcement, and lending. The opacity and autonomy of AI models further complicate the questions of accountability and trust, while the potential for AI to impact human relationships and mental health remains a growing concern. Ethical dilemmas related to autonomy, personhood, and the use of AI in warfare also present significant societal challenges. As AI continues to evolve, it is crucial that policymakers, technologists, and society at large collaborate to address these issues, ensuring that AI's benefits are maximized while minimizing its potential harms.

