

Topic: Artificial intelligence : Its promise and perils

1. Introduction:

Thesis statement: Artificial intelligence has emerged as a technology of particular importance in the modern world. It is transforming the way of life, making the human tasks easier and faster. However, where the global community seeks to leverage the promises of AI, they are also confronted with the perils of AI. But the risks of AI are manageable with certain adaptation and mitigation mechanisms.

2- Role of AI in transforming the lives of human beings

3- Artificial intelligence as an opportunity for the modern world

a- AI is revolutionizing the much needed healthcare system

b- AI is contributing towards the mitigation of climate change

c- decrease in the ratio of unemployment through AI

d- contribution in the development of finance sector

e- AI is playing a key role in the advancement of

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energy sector especially
renewable energy.

8. A revolutionary technology
for agriculture sector.

9. A healthy change in the
education sector

4. AI as a potential threat
to the global community

a. Lack of data privacy
using AI tools

b. The fear of social surveillance
with AI technology

c. Job losses due to AI
automation

d. Social manipulation (public
opinion manipulation) through
AI algorithms

e. The increasing factor of
bias in the society

f. Lethal autonomous weapons
powered by AI

5. Adaptation and mitigation
measure to tackle the
threats of AI

a. Utilization of natural human
skills

b. Protection against AI enabled
cyberattacks

c. Preservation of privacy in AI

d. Avoid bias in AI using
bias mitigation techniques

b. Conclusion