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## Essay:-

Artificial Intelligence is not all evil - It can Promote Social Good, too.

### Outline:-

#### 1. Introduction:-

1.1. What is AI?

1.2. Thesis Statement: Although AI is beneficial in many ways like increase in efficiency and productivity, economic growth, facilitating problem solving and critical thinking etc but threats posed by AI are lasting like job displacement and unemployment, loss of human skills and creativity, increased risks of deepfakes and personal security etc.

2. Artificial Intelligence is not all evil -  
It can promote social good, too.  
(Thesis)

## 2.1. Benefits of AI in industrial sector:

2.1.1. Increased efficiency and productivity

2.1.2. Cost savings

2.1.3. Safety in hazardous environments

2.1.4. 24/7 operations

2.1.5. Precision and consistency

2.1.6. Economic growth and innovation

2.1.7. Handling repetitive and mundane tasks.

2.1.8. Data analysis and decision-making.

2.1.9. Customization and personalization

## 2.2. Benefits of AI for student:

2.2.1. Future-ready work-force

2.2.2. Facilitates problem-solving and critical thinking

2.2.3. Promotes technological adaptability

2.2.4. Supports lifelong skills

2.2.5. Enhance creativity

2.2.6. Promotes data literacy

2.2.7. Improves ethical awareness

2.2.8. Enables global connectivity

2.2.9. Provides entrepreneurial opportunities

3. Threats imposed by AI are lasting as compare to the social goods, it promotes.

(Anti-Threats)

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## (Anti-Thesis)

- 3.1. Job displacement and unemployment.
- 3.2. Human skills and creativity
- 3.3. Inequality and economic disparities
- 3.4. Dependency on technology
- 3.5. Ethical and bias concerns
- 3.6. Loss of traditional skills
- 3.7. Impact on local economies
- 3.8. Deepfakes
- 3.9. Privacy violations
- 3.10. Weapons automatization
- 3.11. Uncontrollable Self-aware AI.
- 3.12. AI cannot complement work.

## 4. Latest developments on AI safety.

- 4.1. UNEA Resolution on AI safety.

## 5. Concluding Remarks:-

- 5.1. AI is a tool, and its impacts depend on how it is designed, deployed, and regulated. Responsible development and thoughtful consideration of its risks are crucial for a positive future.
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"Artificial Intelligence will have a more profound impact on humanity than fire, electricity, and the internet," is rightly said by Sundar Pichai. AI is the ability of a computer, or a robot controlled by a computer, to do tasks that are usually done by humans because they require human intelligence and discernment. Although there is no AI that can perform the wide variety of tasks an ordinary human can do, some AI can match humans in performing specific tasks. There are many benefits of AI; it is already revolutionizing how we combat diseases, manage finances and make real-world decisions. However, as AI increasingly relies on vast datasets, the need for robust privacy measures intensifies. With an emphasis on human oversight, robust cybersecurity and evaluating long-term impacts, ethical AI development becomes ubiquitous. Although AI is beneficial in many ways like increase in efficiency and productivity, economic growth, facilitating problem

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solving and critical thinking etc but threats posed by AI are looking like job displacement and unemployment, loss of human skills and creativity, increased risks of deepfakes and personal security etc. AI has intricately weaves into our lives; so, regulating AI is a necessity to minimize its impacts on humanity.

AI has many advantages. It can be used in education, industries, and, in fact, in every sphere of life. In industrial sector, it is being used in various tasks. Firstly, AI systems can perform tasks with high speed and accuracy, leading to increased efficiency and productivity. Secondly, once the initial investment is made in developing and deploying AI systems, they can operate continuously without the need for breaks, overtime pay, or benefits. Thirdly, AI can be deployed in situations and environments that are hazardous to humans. Fourthly, AI systems can operate 24/7 without the need

for rest. Fifthly, AI systems can maintain a high level of precision and consistency in performing tasks. Sixthly, the wide-spread adoption of AI has the potential to drive economic growth and stimulate innovation by creating new industries and opportunities. Seventhly, AI is well-suited for handling repetitive and mundane tasks that may be monotonous for humans.

Moreover, in fields such as finance, healthcare and business, AI systems can assist in decision-making by analyzing complex data sets and providing valuable information. In addition, in industries like marketing and e-commerce, AI algorithms can analyze user preferences and deliver personalized experiences, leading to increased customer satisfaction and engagement.

Not only the industrial sector but students and teachers can also take benefit from it. These benefits include: Firstly, as industries increasingly integrate AI technologies, a well-versed workforce in AI and

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digital skills becomes essential. Students equipped with these abilities are better positioned for future job markets. Secondly, AI can help students in problem solving on matters that can take days, if not months, to complete. Critical thinking can also be increased by AI's help. Thirdly, future is AI. So, it is better for them to adapt to this technology and become familiar with digital tools and platforms can quickly adopt to make themselves more resident in an ever-changing environment. Fourthly, in the dynamic landscape of technology, foundational digital literacy equips students with essential knowledge. Fifthly, AI literacy can enhance creativity by providing tools and frameworks for students to explore new ideas and possibilities. Sixthly, understanding AI involves grasping data concepts. Seventhly, AI comes with ethical considerations.

Students with AI literacy are better equipped to understand it.

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Moreover, AI enables students to connect with peers and resources globally. Lastly, AI literacy opens doors to entrepreneurial opportunities. It opens up avenues with limitless possibilities.

However, as said by **Stephen Hawking**, "The development of full artificial intelligence could spell the end of the human race." The biggest issue related to AI is unemployment, which will cause economic and social challenges for the entire family. This unemployment will further lead to other problems. Secondly, human workers often bring a range of skills, creativity and emotional intelligence that AI systems are currently struggle to replicate. Thirdly, the benefits of AI adoption may not be distributed evenly, leading to increased economic inequality. Fourthly, overreliance on AI systems can lead to a lack of resilience in the face of system failures, cyber threats or technical glitches.



Fifthly, AI systems can inherit and perpetuate biases present in their training data. Sixthly, with increased automation, there is a risk of losing traditional skills that may not be easily transferable to other industries. Seventhly, in certain regions heavily dependent on specific industries, the rapid adoption of AI could lead to economic downturns, affecting local communities and creating challenges in transitioning to new economic activities. Most importantly, deepfakes is the biggest threat. Deepfakes are the manipulated videos, images created using AI. They can convincingly alter faces, videos, and even entire scenes, leading to misinformation, identity theft and privacy violations. Lastly, AI algorithms process vast amounts of personal data. If not handled carefully, this can lead to privacy breaches and unauthorized access to sensitive information.

In this backdrop, UNGA on 21 March, approved the first UN resolution on AI named as "Seizing the opportunities of safe, secure and trustworthy AI systems". It is sponsored by US and China and co-sponsored by 123 countries. It is a good step towards "safe, secure and trustworthy" AI.

In conclusion, we can say that AI is a tool, and its impacts depend on how it is designed, deployed and regulated. Responsible development and thoughtful consideration of its risks are crucial for positive future.