

Artificial Intelligence as the future of Education.

OUTLINE

1) Introduction

Thesis statement:

Artificial Intelligence (AI) is influencing every area of human society and education sector is not an exception to this influence. AI is affecting every player in this sector whether a student or an educator. It is changing the way knowledge is attained, processed and disseminated. On the other hand, there are serious ^{concerns} about ethical use of AI in this sector that need to be addressed on priority basis.

2) Future of education is tailored to AI advancement

3) What AI has to offer to education sector

a) User-specific learning experience

b) Virtual learning

c) Practical understanding via virtual reality experiences

d) AI-assisted aptitude testing and career counseling

- e) Opportunities for special students and differently-abled individuals
- f) Assistance in managerial and administrative tasks

4) Challenges posed by AI

- a) Unethical use of AI by students
- b) Overshadowing the role of teachers
- c) Dissemination of racial, ethnic biases among students
- d) Authenticity of AI-based Knowledge
- e) Social implications of using AI-based learning environment

5) Strategies to ensure secure and ethical AI-based educational model

- a) AI regulations to ensure ethical use of AI systems for education
- b) Teacher training to incorporate AI in teaching framework
- c) Educating students about ethical and unethical study practices
- d) Ensuring that AI-based learning environment replicates social learning environment (discouraging isolated learning practices)
- e) Government to formulate policy to ensure reliability of AI-generated Knowledge

6) Conclusion