

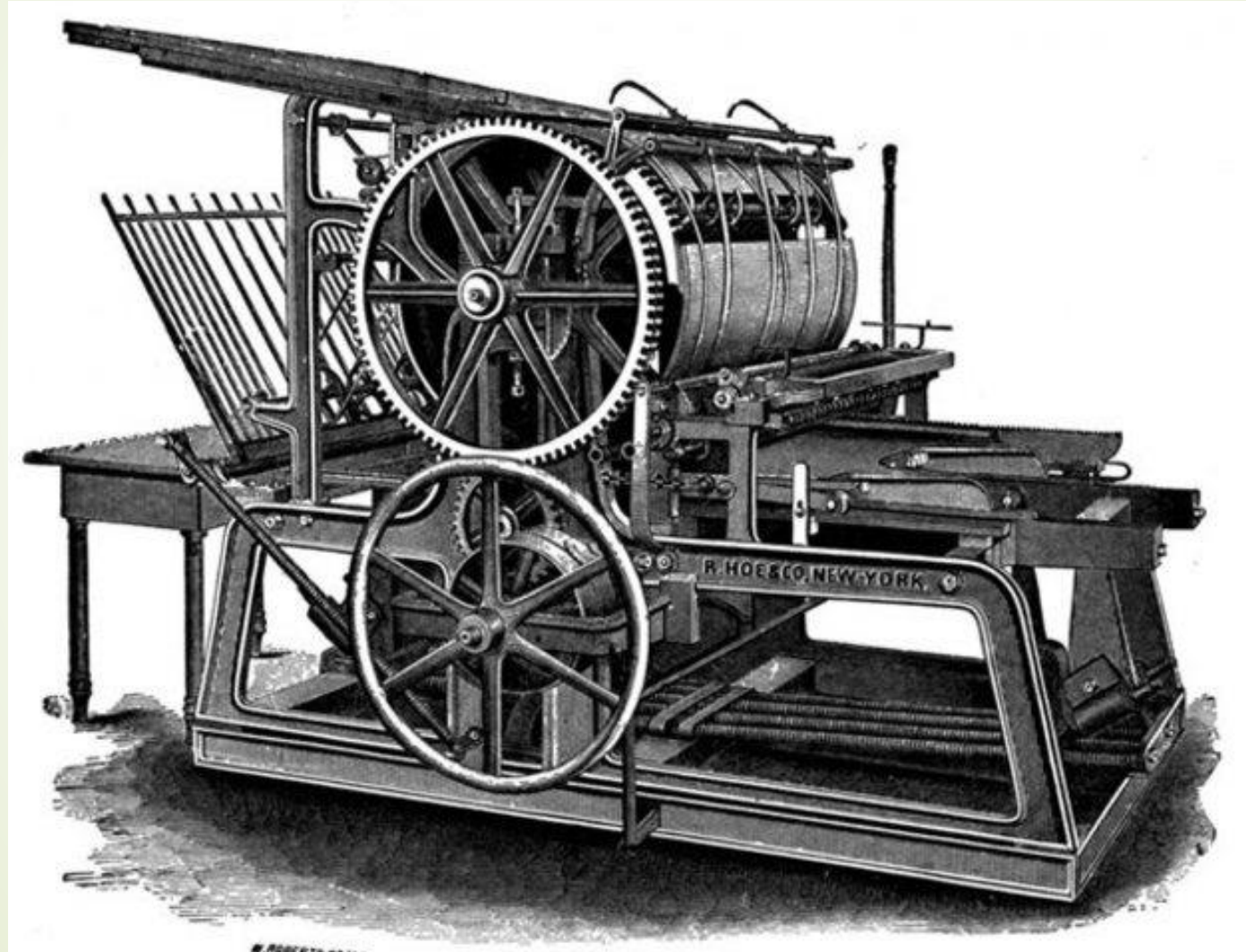
# AI's Disruptive Potential - Pitfalls and Challenges

AZHAR SAYYAD

DIRECTOR  
ARQAM PUBLIC SCHOOL  
NAGPUR

# Human being and Technology in the History

## Banning of Printing Press by Ottomans



# Artificial Intelligence (AI)

- AI : Human Intelligence to Machine to Intelligence of machines



# AI in Education Sector

Artificial Intelligence (AI) has the potential to address some of the biggest challenges in education today, innovate teaching and learning practices, and accelerate progress towards SDG 4 of UN. ( UNESCO – in its Education 2030 Agenda).

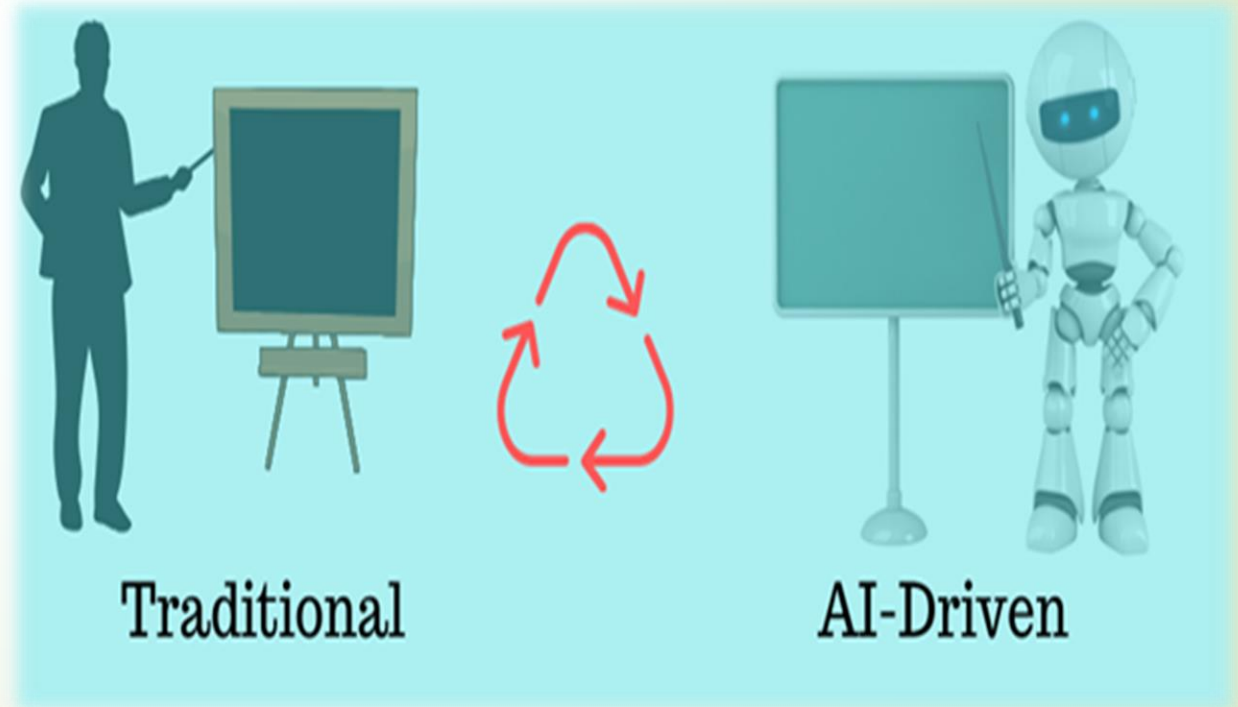


# Pitfalls and Challenges

- Mass unemployment
- Privacy and Security Threat
- Deepfakes
- Over reliance on AI
- Bias and Discrimination

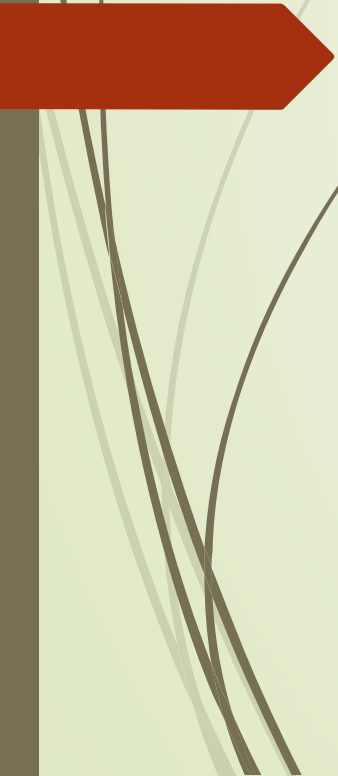
# Pitfalls and Challenges in Schools

- Lack of Infrastructure
- Lack of teacher training
- Teacher's job will become easier or difficult ? And it's impact on Student's learning.
- Limitations in use of Robots as Teachers
- Ethical concerns
- Risk of data
- Cost Effectiveness



# President, American Federation of Teachers: Randi Weingarten





# Way Forward



# Human Intelligence or Natural Intelligence

- ❖ Definitions : We have created man in the best composition. ( Surah Tin , ayat 4)
- The ability to learn, understand and think in a logical way about things. ( Oxford Dict.)
- The ability to learn, understand and make judgements or have opinions that are based on reason. (Cambridge Dict.)
- A combination of IQ + EQ + PQ + SQ ( A Himalayan Trinity, book by Mark Kingsley)
- Prof. Howard Gardner of Harvard University states that there are 8 types of Human Intelligence.



# Shariah aspects - Guidelines

- Saamiri and the basics of artificial intelligence. ( Surah Taha, ayat 85-95)
- And in the period of Suleiman (A.s.) ,Allah sent two angels Harut and Marut to differentiate between the miracles of the Prophets and the magic of the sorcerers. (Surah Baqara, ayat 102)
- When a Tech-Vision has no God-Vision then it becomes destructive, because a God-less vision for humanity cannot possibly put God-wills on anything produced for humanity. – Dr. Omar Suleiman (Islamic Scholar, Yaqeen Institute,U.S.)
- We so readily idealize the technology and in effect make it our God – Dr. Charles Johnston ( Psychiatrist and writer )
- As AI has emerged, you have to upgrade otherwise there will be a big problem for you and AI will move people away from Deen which you cannot imagine.

– Dr. Zeeshan Usmani ( Data Scientist)

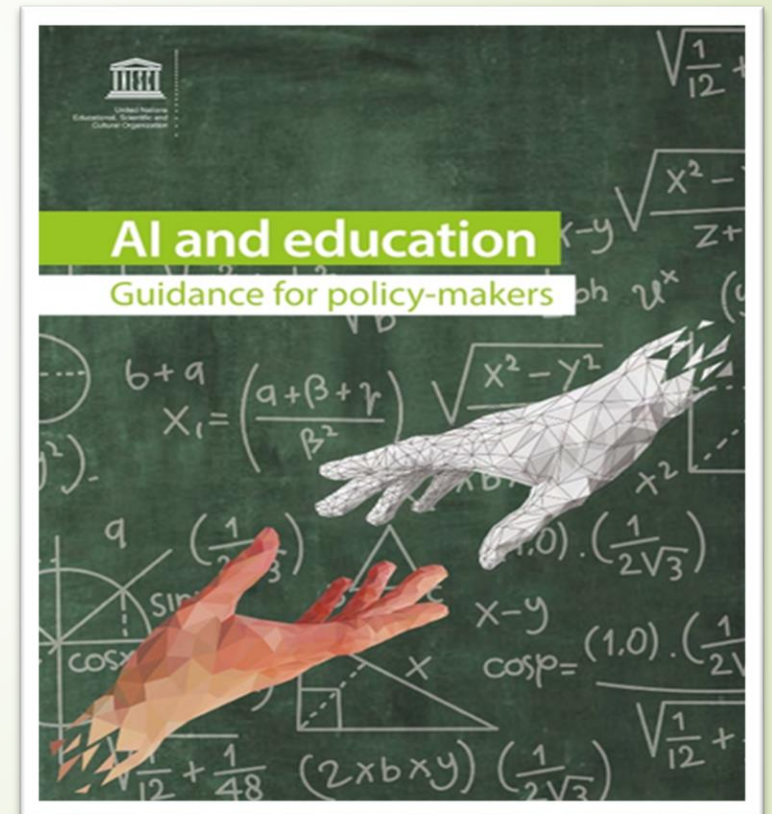
# UNESCO's Guidelines on AI

❖ UNESCO and Chinese Govt. Organised an International Conference on AI and Education In Beijing 2019

➤ How can AI be leveraged to enhance education?

For policy-makers, UNESCO proposes a set of four need-based categories of emerging and potential applications:

- (i) education management and delivery;
- (ii) learning and assessment;
- (iii) empowering teachers and enhancing teaching;
- (iv) lifelong learning.



# Take aways

- Understanding AI – How much helpful and harmful by Policy makers
- Awareness or Orientation Programmes for stakeholders
- Faculty training sessions.
- Implementation in Education System by integrating fundamental AI learning into K-12 school curriculum
- To make our own Technology
- Need not to run away from Technology rather we need to make our own Technology and use it. Till then use other technologies after discussion and consultation with the experts.
- Courses and Books are available from Dr.Zeeshan Usmani.

# References

- AI and Education, Guidance for Policy Makers, UNESCO.
- Islam in the midst of AI, International Journal of Islamic Studies, SUHUF (Vol35,no.1, 2023), Indonesia.
- Use of AI in Education, The Management Accountant Journal,2020,India.
- Intelligence's Creative Multiplicity by Dr. Charles Johnston, U.S.
- Talk by Dr.Omar Suleiman on yaqeeninstitute.org
- Talk by Mrs. Randi Weingarten President, American Federation of Teachers on abc news.
- Websites :
  - [www.dataconomy.com](http://www.dataconomy.com)
  - [www.islamiqate.com](http://www.islamiqate.com)
  - [www.simplypsychology.org](http://www.simplypsychology.org)
  - [www.zeeshanusmani.com](http://www.zeeshanusmani.com)



**JazakAllahu Khair**