



## Countries Regulating on AI and Chatbots

**For Prelims:** Countries Banned Chat GPT, Generative Artificial Intelligence, National Strategy for Artificial Intelligence.

**For Mains:** Issues Associated with AI models, Countries Regulating AI and Chatbots.

### Why in News?

Italy has recently banned [ChatGPT](#) due to concerns over the collection of [personal data](#) and the lack of guardrails to prevent minors from accessing the AI chatbot.

### What are the Other Countries Regulating AI and Chatbots?

- **India:**
  - [NITI Aayog](#), has issued some guiding documents on AI Issued such as the **National Strategy for Artificial Intelligence and the [Responsible AI for All report](#)**.
  - Emphasises **social and economic inclusion, innovation, and trustworthiness**.
- **European Union:**
  - Proposed legislation called the **European AI Act** to introduce a common regulatory framework for AI.
    - The AI Act will also work in tandem with other laws such as the **General Data Protection Regulation (GDPR)**.
  - **Classifies different AI tools according to perceived risk level** and imposes different obligations and transparency requirements.
  - **May include ChatGPT under the General Purpose AI Systems** category, which describes tools that can perform multiple functions.
- **United Kingdom:**
  - Outlined a **light-touch approach**, asking regulators in different sectors to apply existing regulations to AI.
  - Published a **white paper outlining five principles companies should follow**: safety, security and robustness; transparency and explainability; fairness; accountability and governance; and contestability and redress.
- **China:**
  - While **China hasn't officially blocked ChatGPT**, OpenAI does not allow users to sign up for the chatbot in the country.
    - OpenAI also blocks users from other countries with heavy internet censorship such as **Russia, North Korea, Egypt, Iran, Ukraine**, and a few more.

**Note:** Till yet, US doesn't have comprehensive federal legislation on AI and Chatbot yet.

### What are the Concerns Related to Rising AI Software and Chatbots?

- **Privacy:**
  - Training AI models requires **access to large amounts of data, which could include personal and sensitive information.**
    - There is a risk that this **data could be used for unethical purposes**, such as for targeted advertising or for political manipulation.
- **Responsibility:**
  - Since **AI models can generate new content, such as images, audio, or text it may be used to generate fake news or other malicious content**, without knowing who is responsible for the output.
    - This could lead to **ethical dilemmas over responsibility.**
- **Automation and Lowering Job:**
  - **AI has the potential to automate many processes**, which could lead to **job displacement for people who are skilled in those areas.**
    - This **raises questions about the ethics of using AI for [job displacement](#)** and the potential impact on workers and society.

## Conclusion

Regulations and standards must be put in place to ensure that AI models are used in a **responsible and ethical manner**. AI models are **only as good as the data they are trained on**, so it is important to ensure that the **data used for training AI models is ethical and unbiased**. This includes **ensuring that the data used for training is collected and used in a way that respects the [privacy of individuals](#)** and does not reinforce existing biases.

## UPSC Civil Services Examination, Previous Year Question (PYQ)

**Q1. With the present state of development, Artificial Intelligence can effectively do which of the following? (2020)**

1. Bring down electricity consumption in industrial units
2. Create meaningful short stories and songs
3. Disease diagnosis
4. Text-to-Speech Conversion
5. Wireless transmission of electrical energy

**Select the correct answer using the code given below:**

- (a) 1, 2, 3 and 5 only  
 (b) 1, 3 and 4 only  
 (c) 2, 4 and 5 only  
 (d) 1, 2, 3, 4 and 5

**Ans: (b)**

**Q2. Consider the following pairs: (2018)**

	Terms sometimes seen in news	Context/Topic
1.	Belle II experiment	Artificial Intelligence
2.	Blockchain technology	Digital/Cryptocurrency
3.	CRISPR-Cas9	Particle Physics

**Which of the pairs given above is/are correctly matched?**

- (a) 1 and 3 only  
 (b) 2 only  
 (c) 2 and 3 only  
 (d) 1, 2 and 3

**Ans: (b)**

**Source: IE**

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