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In the context of challenges of AI, Government of India needs to set up an oversight mechanism for ethical AI. Discuss (200 words).

Ans

Artificial Intelligence :- It is the ability of machine to learn and reason through analogy analyze, interpret information, recognize speech, visual perception & take decisions. And also AI is an application of human intelligence by the machine

Benefits of AI :- (i) Contribution to economy that increase 15% gross value added by 2035

(ii) Access to affordable healthcare (iii) Benefits in Agriculture (iv) Benefits in Education (v) Benefits in Infrastructures & Transportation sector. etc.

Challenges of AI :- (i) lack of AI Expertise :- only

1% of Indian professionals are trained in emerging technologies such as deep learning.

(ii) Lack of adequate data

(iii) The current intellectual property regime with its stringent and narrowly focused patent laws is posing challenge to AI.

(iv) Lack of funding & deadline.

(v) possibility of human beings losing out on employment opportunity due to machine ability.

(vi) challenges in forms of Regulations

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- (vi) Loss of ethics & privacy & security issues
- (vii) Absence of collaborative approach etc.

Oversight mechanism for AI in Indian Government

NITI Aayog recommendation for oversee the ethical challenges in AI

- (i) Centre for research Excellence
- (ii) International centre for transforming AI.

- (iii) Govt should make ^{stringent} regulatory frameworks for privacy protection & related concerns
- (iv) Govt should give legal backing if misusing of data & give responsibility to data localisation in India

These challenges if addressed in expeditious manner through concerted collaborative efforts by relevant stakeholders, with govt. playing a leading role. Govt addressed B.M. Srikishna committee reports.