Science & Technology · GS - III

The growing use of online content for training Artificial Intelligence models has raised concerns regarding copyright protection and the rights of digital publishers. Examine the challenges and suggest suitable measures.

EXAM YEAR	PAPER	SUBJECT
DAILY PRACTICE 19/10/2026	GS - III	Science & Technology

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Artificial Intelligence; copyright protection; digital publishers; intellectual property rights; data scraping; consent and licensing; fair use; creators' remuneration; technological innovation; transparency; regulatory framework.

Model Answer

Introduction

The rapid development of Artificial Intelligence (AI) has increased the use of online content for training and improving AI systems. Meta's revised website-content terms have renewed concerns about publishers' consent, copyright and control over digital material.

Challenges

1. Copyright Concerns: Automated collection of articles and other online material may raise questions about unauthorised use of copyrighted content.

2. Publishers' Economic Interests: AI-generated summaries and competing content services may affect publishers' readership, advertising revenue and licensing opportunities.

3. Consent and Transparency: Broad terms of service can make it difficult for publishers to understand how their content is collected and used.

4. Innovation versus Rights: Excessively restrictive rules may impede AI research, while inadequate safeguards may weaken creators' rights.

Measures to Address the Challenges

India should strengthen clarity around copyright law and AI training, promote transparent licensing agreements, and establish effective grievance-redressal mechanisms. Technical tools such as robots.txt, clear consent mechanisms and appropriate compensation arrangements can improve control over content access. Regulatory measures should also ensure accountability and protect legitimate research and innovation.

Conclusion

A balanced framework that safeguards intellectual property while encouraging responsible AI innovation is essential for a fair and sustainable digital ecosystem.

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