

## **Practical 10: AI Text Bias & Plagiarism**

**Aim :** To analyze AI generated text for plagiarism and bias.

### **Objectives**

- To detect biased statements.
- To improve writing.

### **Materials Required**

- ChatGPT / Gemini
- Grammarly

### **Procedure**

- **Generate paragraph from AI** – Use an AI writing tool to produce a clear, coherent paragraph on your chosen topic.
- **Check plagiarism** – Run the paragraph through a plagiarism checker to ensure originality and proper attribution.
- **Check grammar** – Review the text with a grammar tool to correct errors in punctuation, spelling, and sentence structure.
- **Identify biased statements** – Examine the content for subjective language, assumptions, or one-sided viewpoints.
- **Rewrite neutrally** – Revise the paragraph to remove bias, ensuring the tone is balanced, objective, and fact-based.

## OUTPUT :

### a) Plagiarism check result -

The screenshot shows the PapersOwl Free Online Plagiarism Checker interface. The text being checked is: "online learning is better than offline learning for college students because it offers flexibility and convenience students can attend classes from anywhere save travel time and manage their schedules more easily online platforms also provide access to recorded lectures and digital resources making revision simpler additionally online learning is more affordable since it reduces expenses related to accommodation and transportation many students feel more comfortable participating in discussions online than in physical classrooms as technology continues to improve online education is becoming more effective and is likely to replace traditional classroom learning in the future". The interface shows 95 words (683 characters) and a similarity score of 55.7% (SIMILAR) and 44.3% (ORIGINAL). A button labeled "MAKE IT UNIQUE" is present. The text matches the following sources:

Sources:	Similarity:
1. <a href="https://www.brainzmagazine.com/p...">https://www.brainzmagazine.com/p...</a>	36.2%
2. <a href="https://pioneersschool.com/en/to...">https://pioneersschool.com/en/to...</a>	31.6%
3. <a href="https://www.communitycollegerevie...">https://www.communitycollegerevie...</a>	24.8%
4. <a href="https://www.crimsonglobalacademy...">https://www.crimsonglobalacademy...</a>	23.6%
5. <a href="https://www.mansionstudent.co.uk/...">https://www.mansionstudent.co.uk/...</a>	10.4%

At the bottom, there is a reCAPTCHA "I'm not a robot" checkbox and a "Check another text" button.

### b) Grammarly suggestions page -

The screenshot shows the GrammarCheck interface. The text being checked is the same as in the previous screenshot. The interface shows 7 errors found, 95 words, and 683 characters. The text is: "online learning is better than offline learning for college students because it offers flexibility and convenience students can attend classes from anywhere save travel time and manage their schedules more easily online platforms also provide access to recorded lectures and digital resources making revision simpler additionally online learning is more affordable since it reduces expenses related to accommodation and transportation many students feel more comfortable participating in discussions online than in physical classrooms as technology continues to improve online education is becoming more effective and is likely to replace traditional classroom learning in the future". The interface includes a "Free Check" button, a "Fix Errors" button, and a "Deep Check" button. The language is set to "American English".

c) Original AI paragraph vs rewritten unbiased paragraph –

**Original AI-generated paragraph**

Online learning is better than offline learning for college students because it offers flexibility and convenience. Students can attend classes from anywhere, save travel time, and manage their schedules more easily. Online platforms also provide access to recorded lectures and digital resources, making revision simpler. Additionally, online learning is more affordable since it reduces expenses related to accommodation and transportation. Many students feel more comfortable participating in discussions online than in physical classrooms. As technology continues to improve, online education is becoming more effective and is likely to replace traditional classroom learning in the future.

**Rewritten unbiased paragraph**

Online learning and offline learning both have advantages for college students. Online learning offers flexibility, allowing students to attend classes from different locations and access recorded lectures for revision. It may also reduce certain costs, such as travel and accommodation. However, offline learning provides direct interaction with teachers and classmates, which can improve communication skills and classroom engagement. Some students benefit more from structured, face-to-face environments, while others prefer independent online study. The effectiveness of each mode depends on the subject, learning style, and available resources. Therefore, a balanced approach that combines online and offline learning may be most beneficial for college students.