

# **PG DEPARTMENT OF COMPUTER APPLICATIONS**

## **Marian College Kuttikkanam Autonomous**

**MAHATMA GANDHI UNIVERSITY, KOTTAYAM**

**KUTTIKKANAM – 685 531, KERALA.**

### **CERTIFICATE**

This is to certify that the project work entitled

**JV CINELYTICS**

is a Bonafide record of work done by

**AKASH MATHEW**

**Reg. No. 24PMC107**

In partial fulfillment of the requirements for the award of Degree of

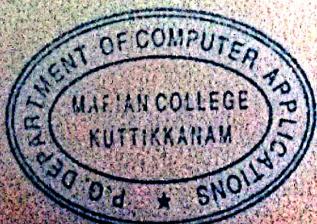
**MASTER OF COMPUTER APPLICATIONS [MCA]**

During the academic year 2024-2025

  
**Dr. Sr. Italia Joseph Maria**  
Assistant Professor  
PG Department of Computer Applications  
Marian College Kuttikkanam Autonomous

  
**Mr. Win Mathew John**  
Head of the Department  
PG Department of Computer Applications  
Marian College Kuttikkanam Autonomous

  
**External Examiner**



# 4% Overall Similarity

The combined total of all matches, including overlapping sources, for each database.

## Filtered from the Report

- Bibliography
- Quoted Text
- Cited Text
- Small Matches (less than 14 words)

## Match Groups

- 2 Not Cited or Quoted 4%  
Matches with neither in-text citation nor quotation marks
- 0 Missing Quotations 0%  
Matches that are still very similar to source material
- 0 Missing Citation 0%  
Matches that have quotation marks, but no in-text citation
- 0 Cited and Quoted 0%  
Matches with in-text citation present, but no quotation marks

## Top Sources

- 0% Internet sources
- 0% Publications
- 4% Submitted works (Student Papers)

## Integrity Flags

### 0 Integrity Flags for Review

No suspicious text manipulations found.

Our system's algorithms look deeply at a document for any inconsistencies that would set it apart from a normal submission. If we notice something strange, we flag it for you to review.

A Flag is not necessarily an indicator of a problem. However, we'd recommend you focus your attention there for further review.



✓A

## \*% detected as AI

AI detection includes the possibility of false positives. Although some text in this submission is likely AI generated, scores below the 20% threshold are not surfaced because they have a higher likelihood of false positives.

### Caution: Review required.

It is essential to understand the limitations of AI detection before making decisions about a student's work. We encourage you to learn more about Turnitin's AI detection capabilities before using the tool.

### Disclaimer

Our AI writing assessment is designed to help educators identify text that might be prepared by a generative AI tool. Our AI writing assessment may not always be accurate (i.e., our AI models may produce either false positive results or false negative results), so it should not be used as the sole basis for adverse actions against a student. It takes further scrutiny and human judgment in conjunction with an organization's application of its specific academic policies to determine whether any academic misconduct has occurred.

## Frequently Asked Questions

### How should I interpret Turnitin's AI writing percentage and false positives?

The percentage shown in the AI writing report is the amount of qualifying text within the submission that Turnitin's AI writing detection model determines was either likely AI-generated text from a large-language model or likely AI-generated text that was likely revised using an AI paraphrase tool or word spinner.

False positives (incorrectly flagging human-written text as AI-generated) are a possibility in AI models.

AI detection scores under 20%, which we do not surface in new reports, have a higher likelihood of false positives. To reduce the likelihood of misinterpretation, no score or highlights are attributed and are indicated with an asterisk in the report (\*%).

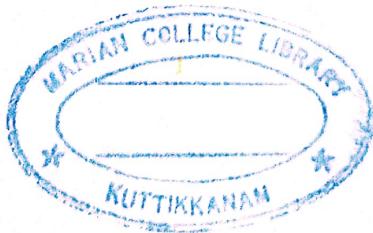


The AI writing percentage should not be the sole basis to determine whether misconduct has occurred. The reviewer/instructor should use the percentage as a means to start a formative conversation with their student and/or use it to examine the submitted assignment in accordance with their school's policies.

### What does 'qualifying text' mean?

Our model only processes qualifying text in the form of long-form writing. Long-form writing means individual sentences contained in paragraphs that make up a longer piece of written work, such as an essay, a dissertation, or an article, etc. Qualifying text that has been determined to be likely AI-generated will be highlighted in cyan in the submission, and likely AI-generated and then likely AI-paraphrased will be highlighted purple.

Non-qualifying text, such as bullet points, annotated bibliographies, etc., will not be processed and can create disparity between the submission highlights and the percentage shown.



As

## **Acknowledgements**

First and foremost, I thank the God Almighty for His immense grace and blessings in my life and at each stage of my project work.

I express my sincere gratitude to Prof. Dr. Ajimon George, Principal, Marian College Autonomous Kuttikanam, and Dr. Mendus Jacob, Director, PG Department of Computer Applications, for the unwavering support given throughout my project work.

My heartfelt thanks go to Mr. Win Mathew John, HOD, Department of Computer Applications, who has been a constant source of inspiration and whose advice greatly helped me to complete this project successfully.

I am deeply indebted to my project guide, Dr. Sr. Italia Joseph Maria, Assistant Professor, PG Department of Computer Applications, for her profound guidance, encouragement, and invaluable support that made this project a success.

I extend my gratitude to all the faculty members of the PG Department of Computer Applications for their timely help, support, and motivation throughout my journey.

Finally, I express my deepest appreciation to my family and friends for their moral support and encouragement, which played a vital role in the successful completion of this project work.



**Akash Mathew**

**36. Health & Safety (labs/IoT/robotics/fieldwork): risk assessment; emergency procedures and supervision**

Yes (attach)  Not applicable

## F. Declarations

### Student Declaration

I, Akash Mathew, affirm that the information provided is accurate and complete. I understand that approval is required before commencing any data collection, scraping, security testing, or human-participant activities; that unauthorized testing or data acquisition is prohibited; and that any substantive change in design, methods, data sources, or risk profile requires re-submission for approval.

Signature (Student):

Date: 24/10/2025

### Supervisor (Faculty Guide) Approval

I, Dr. Sr. Italia Joseph Maria, have reviewed the proposal and ethics safeguards with the student. I verify that the project's scope, data handling, and risk mitigations are appropriate for MCA/BCA standards and institutional policies.

Signature (Supervisor): Dr. Sr. Italia Joseph Maria Date: 24. 10. 25

### DRAC/Department Member Review (if applicable)

Name: Dr. Sr. Italia Joseph Maria

Date: 25.10.'25

Signature:

### Industry/External Mentor Acknowledgement (if applicable)

Name & Organization: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## G. Submission & Processing

Please submit the signed form with all attachments (study instruments, consent forms, permissions, dataset licenses/TOS evidence, risk assessments, authorization letters for testing/scraping) to the Department Ethics Committee—Computer Applications (MCA/BCA).

Processing time: Please allow at least four weeks for review.

### H. Office Use Only — Department Ethics Committee (MCA/BCA)

Chair/Reviewer: Dr. Sr. Italie Joseph Maria

Review Date: 27.10.25

Date Received: 27.10.25

Decision:  Approved     Minor Revisions     Major Revisions     Not Approved

Conditions/Comments (required for any non-“Approved” decision):

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Follow-Up Required By (date): \_\_\_\_\_

Final Sign-off (Chair): (Signature) Date: 27.10.25

#### Attachments Checklist (tick if attached)

- Project synopsis/abstract
- Detailed methodology / system design
- Consent forms & participant materials (if any)
- Recruitment messages (if any)
- Dataset documentation & licenses / TOS permissions
- Web-scraping plan & permissions (if applicable)
- Security testing authorization (if applicable)
- Data management & retention plan