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| **RAJALAKSHMI INSTITUTE OF TECHNOLOGY** |
| (An Autonomous Institution, Affiliated to Anna University, Chennai) |

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

**ACADEMIC YEAR 2025 - 2026**

**SEMESTER III**

**ARTIFICIAL INTELLIGENCE LABORATORY**

**MINI PROJECT REPORT**

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| **REGISTER NUMBER** |  |
| **NAME** |  |
| **PROJECT TITLE** |  |
| **DATE OF SUBMISSION** |  |
| **FACULTY IN-CHARGE** | **Mrs. M. Divya** |

**Signature of Faculty In-charge**

**INTRODUCTION**

* Brief overview of Artificial Intelligence concepts.
* Clearly introduce the topic, provide background context, explain why the problem matters, and highlight what the project aims to accomplish.

**PROBLEM STATEMENT**

* Clear and Precise Problem Statement

**GOAL**

* Expected result and the possibilities for the given problem statement

**THEORETICAL BACKGROUND**

* + Theoretical Background about the problem statement as well as the algorithm.
  + Literature survey of the given problem and other possible algorithms
  + Justification for choosing the algorithm

**ALGORITHM EXPLANATION WITH EXAMPLE**

* Explanation of Algorithm with appropriate example

**IMPLEMENTATION AND CODE**

* Python code

**OUTPUT**

* Output Screen shots and explanation

**RESULTS AND FUTURE ENHANCEMENT**

* Possibility and comparison of your way of solving the problem with others.

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| **Git Hub Link of the project and report** |  |

**REFERENCES**

* At least 5 Resources that you referred (May be books/on-line resources (E-Books, standard Videos and blogs Strictly no conversational agents like ChatGPT, Gemini etc.,)