

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

Synopsis

Course name: Mini Project Course Code: 21AIM38A

Semester-III AY: AUG 2022 - JAN 2023

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| **USN** | **Name of the student** | **Section** | **Date of Submission** | **Signature** |
| 1NH21CV034 | SAI VAMSI M | III-B |  |  |
| 1NH21CV049 | UDAY PARUCHURI | III-B |  |  |
| 1NH21ME047 | BABU DHANUSH KUMAR M | III-B |  |  |

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| **MINI PROJECT TITLE** | **HEART DISEASE PREDICTION USING MACHINE LEARNING WITH PYTHON** |
| **ABSTRACT** | Heart disease is a major health concern and early prediction can lead to prompt treatment and improved patient outcomes. Machine learning algorithms can analyze large amounts of data to identify patterns and make predictions about heart disease risk. The use of machine learning in heart disease prediction involves training a model on a large dataset containing various demographic and medical information such as age, gender, blood pressure, and cholesterol levels. We are using google colab Google colab for predicting heart disease. It can be used to develop and train machine learning models for heart disease prediction. The process involves uploading data to Google Colab, preprocessing the data, training a machine learning model, and evaluating its performance. Algorithm used for heart disease prediction is logistic regression. Using Google Colab for heart disease prediction can provide a cost-effective and accessible way to develop and test machine learning models for this important health issue. |

**Signature of Reviewer with Date**