

DEPARTMENT OF COMPUTATIONAL INTELLIGENCE

**III YEAR CSE - AIML I SEM**

**COURSE: APPLICATION DEVELOPMENT - 1 COURSE CODE: R22A6692**

**HUMAN DISEASE PREDICTION USING MACHINE LEARNING**

**ABSTRACT**

This system is mainly based on Human Disease Prediction by using SVM(Support Vector Machine) algorithm. We make use of machine learning algorithm(SVM) to predict the diseases based on user-input symptoms.By entering user input symptoms into the system, users can receive more precise predictions about their potential health conditions, improving early diagnosis and treatment. Traditional diagnostic methods often involve a combination of medical assessments and tests, which can be both time-consuming and expensive. Hence, this project aims to reduce the time-consuming and expenditures of the user. Health Apps with Symptom Checkers: Mobile apps offer symptom assessments and health advice based on simple predictive models. This project uses the Support Vector Machine algorithm to predict human diseases based on input symptoms.

**Keywords**: Support Vector Machine (SVM), Symptoms, Human Disease.

**Project Members:**

1. 22N31A66H3 T. SRARAN
2. 22N31A66J7 Y. SASIDHAR REDDY
3. 22N31A66E9 RAGHAVENDRA

**Signature of the Guide Project Coordinator HOD**