VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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K. L. E. Society's

K. L. E. College of Engineering and Technology, Chikodi-01

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

A Project Report on

"INTELLIGENT HEART DISEASE PREDICTION SYSTEM USING DATA MINING TECHNIQUES"

(Sponsored by KSCST, IISc, Bangalore)

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Submitted by

Rashmi G. Adike
USN: 2KD09IS025

Pooja J. Shah
USN: 2KD09IS019

Ashwini A. Chavan
USN: 2KD09IS005

Sneha M. Pattanshetti
USN: 2KD09IS018

Under the Guidance of

Prof. Satish Bhojannavar
Department of Information Science & Engineering
K.L.E. College of Engineering & Technology, Chikodi-591201

ABSTRACT

An objective of **"Intelligent Heart Disease Prediction System Using Data Mining Techniques"** is one where patients can stay healthy with the support of expert medical advice when they need it, at any location and any time. An associated aim would be the development of a system which places increased emphasis on preventative measures. This project describes the implementation of such a system, utilizing mobile phones and Bluetooth enabled Heart rate sensor. Data from the sensors are visualized, monitored and transmitted to a android mobile phone and is able to generate multiple alerts based on the patient's condition. Here the system is developed using Java on the android mobile platform. Overall the system functioned well and provided a good warning system and is usable and beneficial to the rural area people.