## **LEPROSY DETECTION USING EXPLAINABLE ARTIFICIAL INTELLIGENCE TECHNIQUES**

## A PROJECT REPORT

*Submitted by*

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*Under the Guidance of*

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*in partial fulfillment of the requirements for the degree of*

**BACHELOR OF TECHNOLOGY**

# in

**COMPUTER SCIENCE AND ENGINEERING**



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# COLLEGE OF ENGINEERING AND TECHNOLOGY

# SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULATHUR– 603 203

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**ABSTRACT**

#### Abstract must be a single paragraph in times new roman 14pt with a maximum of 300 words.

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**LIST OF SYMBOLS AND ABBREVIATIONS**

**US** United States of America

**ReLU** Rectified Linear Unit

**GAN** Generative Adversarial Network

**CNN** Convolutional Neural Network

**XAI** Explainable Artificial Intelligence

**AI** Artificial Intelligence

**ML** Machine Learning

**MRI** Magnetic Resonance Imaging

**CT** Computed Topography

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