

# Stress Detection for Employee's using Image Processing and Text Mining

Priyanka V. Shinde<sup>1</sup>, Vaishnavi A. Shinde<sup>2</sup>, Nikita N. Murade<sup>3</sup>, Prof. Shinde S. P.<sup>4</sup>  
Students<sup>1,2,3</sup> and Guide<sup>4</sup>

Samarth Group of Institution and College of Engineering, Belhe, Maharashtra, India

**Abstract:** *The major goal of this study is to use vivid Machine Learning and Image Processing methods to identify stress in the human body. Our system is an upgraded version of previous stress detection systems that did not include live detection or personal counselling, but this system includes live detection and periodic analysis of employees, as well as detecting physical and mental stress levels in them and providing proper stress management remedies via a survey form. Our method is primarily focused on stress management and creating a healthy and spontaneous work environment for workers in order to get the most out of them during working hours*

**Keywords:** Facial Expressions, K Nearest Neighbour Classifier, Stress, Stress prediction

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