# **MACHINE LEARNING PROJECT**

**LITERATURE SURVEY:**

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| Sr. No | **Title of Paper** | **Name of Authors** | **Published Year** | **Remarks** |
| 1 | Stress Detection Using Deep Neural Networks | Russel Li, Zhandong Liu | 2020 | The networks analyzed physiological signals measured from chest-worn and wrist-worn sensors to perform the two tasks of binary stress detection and 3-class emotion classification. |
| 2 | Stress Detection Machine Learning and Deep Learning Using Multimodal Physiological Data | Pramod Bobade, Vani M | 2020 | Detecting mental stress earlier can prevent many health problems associated with stress. We are using various bio-signals like thermal, electrical, impedance etc. |
| 3 | A Decision Tree Optimised SVM Model for Stress Detection Using Bio signals | Alana Paul Cruz, Aravind Pradeep, Kavali Riya Sivasankar, Krishnaveni M. S | 2020 | In this work they propose a machine learning model based on human bio signals to detect human stress. Detecting stress properly can help in preventing a large number of mental and physical scenarios which lead to abnormalities in cardiac rhythm or depression and more. |
| 4 | Machine Learning and IoT for prediction and Detection of Stress | Purnendu Shekhar Pandey | 2017 | Based on heart beat we can predict whether a person is in Stress or not. Internet of Things (IoT) along with Machine Learning (ML) is used to alarm the situation when the person is in real risk. |
| 5 | Automatic Stress Detection Using Wearable Sensors and Machine Learning | Shruti Gedam, Sanchita Paul | 2020 | Stress management is important during this modern era to keep up one’s stress level low and reduce health risks. Researchers have found that stress level can be detected through heart rate variation, skin conductance. This paper aims to provide a comprehensive review on various stress detection techniques and gives a reliable guideline towards more efficient detection of stress. |

