**Literature survey**

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| **S.N0** | **Title of the paper** | **Name of the authors** | **Remarks** |
| 1 | Mental stress detection using machine learning algorithm | Aishwarya, Apporva , Tejasree | this paper represents appearance based facial expression recognition system using Convolutional Neural Network (CNN). The Local Binary Pattern (LBP) was used to extract the appearance features. The CNN is trained to categorize into four basic facial expressions (anger, fear, unhappy and non-stressed expressions). |
| 2 | Stress Detection with Machine Learning and Deep Learning using Multimodal Physiological Data | Pramod | The algorithms used are K means alogorithm. K-Nearest Neighbour, Linear Discriminant Analysis, Random Forest, Decision Tree, AdaBoost and Kernel Support Vector Machine |
| 3 | Detection of Stress in IT Employees using Machine Learning Technique | Surekha,suresh,Bhavya | The used algorithms are bayes algoriyhm ,catogorisation algoriyhm used for the partition of data. |
| 4 | Feasibility Study of Stress Detection with Machine Learning through EDA from Wearable Devices | Yang wang,Lili Zhu, Pai chat | For the detection of stress on this IEEE paper Random forest algoriyhm was used . Electrodermal Activity (EDA) collected from wearable devices to detect people’s stress. EDA can quantify the changes in sympathetic dynamics by measuring sweat produced by our sweat glands |