

Literature Survey:-

Sr. No	Title of the paper	Name of the Author	Published Year	Remarks
01	Stress Detection with Machine Learning and Deep Learning using Multimodal Physiological Data.	Pramod Bobade & Vani M.	2020	<p>Algo:- In this paper they used some popular Machine Learning techniques like K-Nearest Neighbour, Linear Discriminant Analysis, Random Forest, Decision Tree, AdaBoost and Kernel Support Vector Machine.</p> <p>*They used WESAD data set for classification and comparison.</p>
02	Machine Learning and IoT for Prediction and Detection of Stress	Mr.Purnendu Shekhar Pandey	2017	<p>Algo:-For classification they have used 2 algorithms VF-15 algorithm(which gives 62% accuracy) and Naive Bayes approach(gives 50% accuracy while testing).</p> <p>They also used Logistic Regression and SVM and get an accuracy of 66 % and 68 % respectively.</p> <p>*They have used Node MCU as the development board and micro-python for programming language.</p>
03	Stress detection using deep neural networks	Russell Li and Zhandong Liu	2020	<p>In this paper:- They developed two deep neural networks: a deep 1D convolutional neural network (to analyzed data from chest-worn sensors) and a deep multilayer perceptron neural network(to analyzed data from wrist-worn sensors).</p> <p>*They do binary classification for stress detection and 3-class classification for emotion classification.</p>
04	A Decision Tree Optimised SVM Model for Stress Detection using Biosignals	Alana Paul Cruz, Aravind Pradeep, Kavali Riya Sivasankar and Krishnaveni K.S	2020	<p>In this paper- Support Vector Machines(SVM) was used for building the model.</p> <p>*For training and validation of their new model they used Physionet's "drivedb" database.</p>
05	Automatic Stress Detection Using Wearable Sensors and Machine Learning	Shruti Gedam & Sanchita Paul	2020	<p>Algo:- They have mainly focused on Random forest and K-Nearest Neighbor classification algorithm.</p> <p>Device:-In this paper they used self-made wearable devices (using low-cost sensors) to collect physical data.</p>