Sr. No	Title of Paper	Name of Authors	Published Year	Remarks
01	A Decision Tree Optimised SVM Model for Stress Detection using Biosignals	Alana Paul Cruz, Aravind Pradeep, Kavali Riya Sivasankar and Krishnaveni K.S	July 28 - 30, 2020	**Bio Signals** : Electrocardiogra (ECG). **Parameters** : ECG derived Respiration (EDR), Respiration Rate, QT interval, RR interval. **Database** : Physionet's "drivedb" database. **Algorithm** : Cubic SVM, Gaussian Kernel, Decision Tree, Support Vector machines (SVM). **Evaluation Metric** : Confusion Matrix. **Kernal Methods** : Linear, Quadratic, Cubic. **Model Name** : Tree Optimised SVM. **Model Accuracy** : 96.3%.
02	Automatic Stress Detection Using Wearable Sensors and Machine Learning:A Review	Shruti Gedam,Sanchita Paul	July 1-3,2020	**Stressors** : Questionnaire,Mathematical Tasks -> **Sensores** : EMG ,ECG,Respiration ,Skin Conductance ->**Algorithm** : Linear Bayes Normal Classifier Quadratic Bayes Normal Classifier K-Nearest Neighbor Classifier Fisher's Least Square Linear Classifier **Stressors** : Some Tests,Breathing, exercise -> **Sensores** : EDA,EMG, Respiration Heart Rate ->**Algorithm** : Linear Bayes Normal Classifier Quadratic Bayes Normal Classifier K-Nearest Neighbor Classifier Fisher's Least Square Linear Classifier **Stressors** : Tracking -> **Sensores** : Skin Conductance ->**Algorithm** : Logistic Regression Model. **Stressors** : Interviews -> **Sensores** : Heart Rate,Galvanic Skin Response ->**Algorithm** : Fuzzy Logic Algorithm. **Stressors** : Age,Working out in Gym -> **Sensore** : Pulse Sensor,Heart Rate->**Algorithm** : Logistic Regression Model Support Vector Machine Classifier. **Stressors** : Tense and calm conditions,Heart Rate -> **Sensores** : -Temperature,Galvanic Skin Response Heart Rate >**Algorithm** : Fuzzy Logic Algorithm.

				Stressors : STAI self-report Questionnaire -> **Sensores** : - Heart Rate Skin Temperature,Galvanic Skin Response,Pulse oximeter Breath-rate sensor >**Algorithm** : Support Vector Machine Classifier K-Nearest Neighbor Classifier Random Forest Classifier Logistic Regression Mode.
03	Stress Detection with Machine Learning and,Deep Learning using Multimodal Physiological Data	Pramod Bobade, Vani M.	September 06,2020	**Dataset** : WESAD. **Sensors :** three- axis acceleration (ACC), electrocardiogram (ECG), blood volume pulse (BVP), body temperature (TEMP), respiration (RESP), electromyogram (EMG) and electrodermal activity (EDA). **Algorithm** : K-Nearest Neighbour, Linear Discriminant Analysis, Random Forest, Decision Tree, AdaBoost and Kernel Support Vector Machine. **Accuracy** : 81.65%. Deep learning Accuracy : 84.32% to 95.21%
04	Machine Learning and IoT for Prediction and Detection of Stress	Mr.Purnendu Shekhar Pandey	2017	**Pulse Sensor** : Heart rate ,age **Iot Devices** : NODE-MCU **Server** : Flask overlay **Supervised learning** : Logistic regression. **Algorithm** : Classification, VF – 15, Naive Bayes,SVM. **Accuracy** : 68%