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(54) Title of the invention : AN INTEGRATED BIOMETRIC MACHINE LEARNING DEVICE TO MEASURE EMPLOYEE STRESS, ANXIETY AND BURNOUT

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(57) Abstract :

[029] The present invention relates to the field of an integrated biometric machine learning device. The invention more particularly relates to measure three behavioural constructs stress, anxiety and burnt- out using an in-built model having developed a predictive AI enabled biometric device for the employees of an organization. The invention check out for the prevalence and bi-weekly workplace mental health report of the employees by measuring stress, anxiety and burnt-out using an inbuilt facial emotion recognition model, ocular response measurement and skin scanning mechanism to measure BP and pulse. The device develops intelligent coding system using CNN Model and SVM model of machine learning. Accompanied Drawing [FIG. 1]

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