

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511054564 A

(19) INDIA

(22) Date of filing of Application :06/06/2025

(43) Publication Date : 20/06/2025

(54) Title of the invention : A SMART DEVICE FOR MONITORING AND REDUCING WORKPLACE STRESS

(51) International classification :A61B0005000000, G16H0020700000, G16H0050200000, A61B0005160000, G16H0050300000

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY
 Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. -----
Name of Applicant : NA
Address of Applicant : NA

(72)**Name of Inventor :**
1)Dr. IMRAN ALI
 Address of Applicant :Department of Management, Noida Institute of Engineering & Technology, Greater Noida. Greater Noida -----

(57) Abstract :
 A wearable smart device (100) for monitoring and reducing workplace stress features biometric sensors (102), a processor (104) executing stress detection algorithms, a communication module (106) for secure data syncing, and a feedback interface (108) delivering real-time interventions. The device enables personalized stress management, predictive analytics, and privacy-conscious data aggregation, promoting employee wellness and organizational insights. The invention facilitates proactive mental health support, improves productivity, and reduces absenteeism through real-time monitoring and adaptive intervention mechanisms.

No. of Pages : 13 No. of Claims : 5