(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2025
(21) Application No.202511106442 A
(43) Publication Date : 19/12/2025

(54) Title of the invention : AN AI-BASED FRAMEWORK FOR REAL-TIME TERRORISM RISK PREDICTION

(51) International classification	:B60K 37/00, B60R 21/205, H04W 12/40, B60K 37/20, H04W 12/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	: :01/01/1900
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :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. Uttar Pradesh India
(72)**Name of Inventor :**
1)ANKUR CHAUDHARY
2)SHALINI SHROTRIYA

(57) Abstract :
The invention discloses an AI-based framework (101) for real-time terrorism risk prediction. It integrates a data acquisition unit (102), preprocessing engine (103), AI/ML predictive engine (104), risk scoring and alert module (105), decision-support dashboard (106), and secure cloud layer (107). The system analyses multi-source data, generates dynamic risk scores, and delivers actionable insights. By employing adaptive machine learning and explainable AI, the invention ensures accurate, transparent, and scalable terrorism risk prediction, significantly enhancing preventive measures for global and national security infrastructures.

No. of Pages : 16 No. of Claims : 6