

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511100967 A

(19) INDIA

(22) Date of filing of Application :18/10/2025

(43) Publication Date : 05/12/2025

(54) Title of the invention : A CLOUD-SUPPORTED FRAMEWORK FOR AUTOMATED CYBERSECURITY THREAT INTELLIGENCE

(51) International classification	:H04L0009400000, G06N0020000000, G06F0021550000, G06F0009455000, G06N0020100000	(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
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PITAMBER ADHIKARI
(33) Name of priority country	:NA	2)Dr. PRABHA SHREERAJ NAIR
(86) International Application No	:	
Filing Date	:01/01/1900	
(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	

(57) Abstract :

The invention discloses a cloud-supported framework for automated cybersecurity threat intelligence comprising a threat data ingestion unit (101), normalization and enrichment unit (102), analytics engine (103), dissemination module (104), and cloud infrastructure (105). The system automates ingestion of multi-source threat data, applies machine learning for predictive analytics, and disseminates intelligence securely to stakeholders. Experimental validation demonstrates enhanced accuracy, scalability, and reduced response time, enabling proactive defense against evolving cyber threats. This invention ensures real-time, collaborative, and adaptive cybersecurity intelligence with minimal human intervention.

No. of Pages : 15 No. of Claims : 6