

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511100550 A

(19) INDIA

(22) Date of filing of Application :17/10/2025

(43) Publication Date : 05/12/2025

(54) Title of the invention : AN IoT-ENABLED DEVICE FOR SMART WAREHOUSE INVENTORY TRACKING

(51) International classification	:G06Q0010087000, H04L0067100000, G16H0040630000, G01S0005020000, H04L0001000000	(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)NISHA
(33) Name of priority country	:NA	2)GARIMA
(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 an IoT-enabled device (100) for smart warehouse inventory tracking comprising sensor nodes (101), communication modules (102), central hub (103), cloud server (104), and warehouse management interface (105). The system provides real-time monitoring, predictive analytics, and automated alerts, ensuring efficiency, accuracy, and scalability in warehouse operations.

No. of Pages : 14 No. of Claims : 6