(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2023

(21) Application No.202311047016 A
(43) Publication Date : 04/08/2023

(54) Title of the invention : SYSTEM AND METHOD FOR AUTONOMIC MANAGEMENT AND SECURITY FOR CLOUD AND IOT

(51) International classification	:H04L 093200, H04L 412800, H04L 671001, H04L 671200, H04L 675100
(86) International Application No Filing Date	:NA :NA
(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)Chitkara University
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ---------- ----------
2)Bluest Mettle Solutions Private Limited
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)MISHRA, Saket
Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ---------- ----------
2)PANDEY, Sakshi
Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ---------- ----------
3)KUKREJA, Vinay
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ---------- ----------

(57) Abstract :
The present disclosure relates to a system for an autonomic management of resources and security for cloud and Internet of Technology (IoT) enabled devices. The system puts a massive network of Develops IoT devices and applications into practice using a testbed made up of IoT devices and a cloud server. The system outperforms current frameworks (110) in terms of the security and administration of IoT devices and data in the cloud. It enables remote administration allowing businesses to monitor and control IoT devices from any location. Organizations may use the system to help them adhere to security and data protection laws including General Data Protection Regulation (GDPR), Health Insurance Portability and Accountability Act (HIPAA), and International Organization of Standardization (ISO). By offering automated failover and self-healing features, the system improves the reliability of IoT devices, assisting in ensuring that they are constantly operational.

No. of Pages : 27 No. of Claims : 17