

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311054316 A

(19) INDIA

(22) Date of filing of Application :12/08/2023

(43) Publication Date : 08/09/2023

(54) Title of the invention : SYSTEM FOR IDENTIFYING AND BLOCKING DARK WEB ACTIVITIES AND METHOD THEREOF

(51) International classification :H04W0088080000, H04L0043000000, H04W0012120000, H04L0009400000, H04M0015060000

(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)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, Rahul

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)MANTRI, Archana

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The present invention describes a system (100) and method (200) for identifying and blocking dark web activities to address the rising concerns regarding illegal and illicit operations conducted on hidden parts of the internet. The system (100) includes a server, said the server includes three major units such as a monitoring unit (106), to monitor the dark web for illegal activities and generates alerts when the illegal and illicit activities are detected. A blocking unit (108) receives alerts from the monitoring unit (106) and takes appropriate action to block the illegal activities. A database (116) stores information about the illegal activities on the dark web. The system (100) utilizes advanced data analytics, machine learning algorithms, to monitor and gather data from dark web forums, marketplaces, and hidden services where criminal activities may occur.

No. of Pages : 21 No. of Claims : 10