

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202331055339 A

(19) INDIA

(22) Date of filing of Application :18/08/2023

(43) Publication Date : 08/09/2023

(54) Title of the invention : Model to efficiently capture persistent surveillance of user activity and user profiling behaviour in complex networks

(51) International classification :H04L0067020000, H04L0067500000, H04L0061451100, G06F0011340000, A61B0005160000

(86) International Application No :PCT//
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

(71)Name of Applicant :

1)SWAMI VIVEKANANDA UNIVERSITY

Address of Applicant :Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)SUBIR GUPTA

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

2)RANJAN KUMAR MONDAL

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

3)KOUSTAV DEY

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

4)PRATIK BERA

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

5)Sourav Saha

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

6)Soumen Nath

Address of Applicant :SWAMI VIVEKANANDA UNIVERSITY
Telinipara, Barasat - Barrackpore Rd, Bara Kanthalia, West Bengal – 700121, India. Barrackpore -----

(57) Abstract :

This invention related to model to efficiently capture persistent surveillance of user activity and user profiling behaviour in complex networks. Furthermore, this invention related to domain of the invention to study the behaviour of multiple user activity on network traffic. More particularly, this present invention relates to monitoring user activity on a router depending on their behaviour. Here, we examine the HTTP or HTTPS protocol traffic, and the findings are encouraging. Discover whether we can track human psychology as a result.

No. of Pages : 10 No. of Claims : 4