(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241044139 A

(19) INDIA

(22) Date of filing of Application :02/08/2022

(43) Publication Date : 05/08/2022

(54) Title of the invention : SECURITY ATTACKS DETECTION USING DEEP LEARNING IN WIRELESS SENSOR NETWORK

(51) International classification	:H04L0012260000, H04L0029060000, H04L0012240000, H04L0029080000, F25B0013000000
(86) International Application No Filing Date	:PCT// :01/01/1900
(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)**Periyar Maniammai Institute of Science and Technology**
   Address of Applicant :Periyar Nagar, Vallam, Thanjavur - 613403, Tamilnadu, India Thanjavur ----------- -----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
  1)**Dr.V.Violetjuli**
Address of Applicant :Asso.Prof, / ECE Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  2)**Dr.C.Narmadha**
Address of Applicant :Asso.Prof, / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  3)**Mr.U.Saravanakumar**
Address of Applicant :Asst.Prof, / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  4)**Ms.C.Rajanandhini**
Address of Applicant :Asst.Prof, / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  5)**Mr.R.Rakesh**
Address of Applicant :Asst.Prof / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  6)**Ms.C.Sathya**
Address of Applicant :Asst.Prof / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  7)**N.Devadharrshini**
Address of Applicant :UG Student / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------
  8)**R.Deepika**
Address of Applicant :UG Student / ECE, Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur. Thanjavur ----------- -----------

(57) Abstract :
A method for identifying malicious attempts to spread disinformation over communication networks is shown here. In this example, a graphical representation of a communication network is used to calculate network controllability metrics. On the basis of the changes that have been observed in the network controllability metrics, an assault of disinformation on the communication network may be identified.

No. of Pages : 19 No. of Claims : 4