(12) PATENT APPLICATION PUBLICATION

(21) Application No.202141047298 A

(19) INDIA

(22) Date of filing of Application :18/10/2021

(43) Publication Date : 29/10/2021

(54) Title of the invention : Impact of (AI) - Artificial Intelligence in the (IoT)-Internet of Things cyber security.

(51) International classification	:H04L0029060000, G06F0016340000, H04L0029080000, G06N0020000000, H04W0084180000
(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)**Arumugam Ranjith**
      Address of Applicant :32 B Mazhuppan street ----------- -----------
   2)**Dr. B. VIJAYAKUMAR**
   3)**Arockia Liborious**
   4)**Vishwanadham Mandala**
   5)**Dr. G. Vennira Selvi**
   6)**Dr.C.R.Rathish**
   7)**Mr. Maneesh pant**
   8)**Mr.Anurag Agarwal**
   9)**Dr Mahaveerakannan R**
   10)**S.Lokesh**
   11)**Ms.Sonam Dubey**
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
   1)**Dr. B. VIJAYAKUMAR**
Address of Applicant :Deputy Registrar Tamil Nadu Teachers Education University Karapakkam, Chennai, 600097 Tamilnadu ----------- -----------
   2)**Arockia Liborious**
Address of Applicant :Global Process Expert 76, Annanagar, Tirunelveli, Tamilnadu 627011, Tamilnadu , India ----------- -----------
   3)**Vishwanadham Mandala**
Address of Applicant :M tech in Computer Science,M S in Data science - indiana University (final sem) 1311 horse shoe bend, Greenwood, indiana,46143. M S in Data science - indiana University (final sem), U.S.A ----------- -----------
   4)**Dr. G. Vennira Selvi**
Address of Applicant :Associate professor and Head Dept of CSE GLOBAL INSTITUTE OF ENGINEERING AND TECHNOLOGY Vellore , 632509 ----------- -----------
   5)**Dr.C.R.Rathish**
Address of Applicant :Associate Professor / Computer Engineering New Horizon College of Engineering , Outer Ring Road, Marathalli Karanataka , 560103, Karnataka, India ----------- -----------
   6)**Mr. Maneesh pant**
Address of Applicant :Assistant Professor College of Engineering Roorkee Address: 7th K.M. on Roorkee (NH-58),Rehmadpur Vardhmanpuram, Haridwar Rd, Roorkee, Uttarakhand 247667 247667, Uttrakhand, India ----------- -----------
   7)**Mr.Anurag Agarwal**
Address of Applicant :Assistant Professor College of Engineering Roorkee, Address: 7th K.M. on Roorkee (NH-58),Rehmadpur Vardhmanpuram, Haridwar Rd, Roorkee, Uttarakhand 247667 247667, Uttarakhand, India ----------- -----------
   8)**Dr Mahaveerakannan R**
Address of Applicant :Associate Professor College Name with address: Saveetha School of Engineering, saveetha nagar, Thandalam - Perambakkam -Thakkolam Rd, Tamil Nadu 602105 602105, Tamil Nadu, India. ----------- -----------
   9)**S.Lokesh**
Address of Applicant :Assistant Professor P.S.V College of Engineering & Technology, Krishnagiri 635108, Tamilnadu, India ----------- -----------
   10)**Ms.Sonam Dubey**
Address of Applicant :Assistant Professor College of Engineering Roorkee Address: 7th K.M. on Roorkee (NH-58),Rehmadpur Vardhmanpuram, Haridwar Rd, Roorkee, Uttarakhand 247667 247667, Uttarakhand, India ----------- -----------

(57) Abstract :
Abstract: The use of the Internet of Things (IoT) has exploded in recent years, as have concerns about cybersecurity. Artificial intelligence (AI) is being used to develop sophisticated algorithms for protecting networks and systems, including those found on the Internet of Things (IoT). While cybercriminals have mastered the use of artificial intelligence (AI), they have also begun to employ AI adversaries in their cybercrime. This review paper's goal is to compile info from various studies and papers on the AI, IoT, and cyberattacks with and against AI, as well as to examine how these three topics relate, with the goal of presenting and summarising comprehensively relevant literature in these fields

No. of Pages : 14 No. of Claims : 5