

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 01/2023
ISSUE NO. 01/2023

शुक्रवार
FRIDAY

दिनांक: 06/01/2023
DATE: 06/01/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE



R. Vimal
Dr. R. VIMAL NISHANT, M.Com., M.Phil., Ph.D.,
PRINCIPAL
Excel College for Commerce and Science
Komarapalayam-637 303.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241073448 A

(19) INDIA

(22) Date of filing of Application :19/12/2022

(43) Publication Date : 06/01/2023

(54) Title of the invention : A NOVEL APPROACH FOR FAKE REVIEW IDENTIFICATION AND UTILITY EVALUATION MODEL USING MACHINE LEARNING ALGORITHMS IN E-COMMERCE SITES

(71)Name of Applicant :
 1)Dr.R.VIMAL NISHANT
 Address of Applicant :ASSISTANT PROFESSOR CUM PRINCIPAL, DEPARTMENT OF COMMERCE, EXCEL COLLEGE FOR COMMERCE AND SCIENCE, KOMARAPALAYAM, NAMAKKAL DISTRICT- 637303 KOMARAPALAYAM -----
 2)RAVI PAL
 3)Dr. PRIYANKA SINGH
 4)Dr. RAJEEV KUMAR
 5)Dr PADMA C
 6)VIVEK KUMAR SRIVASTAV
 7)Dr. PRASANT SINGH YADAV
 8)Dr. CHETHANA SRIDHAR
 9)Dr MEMON UBED YUSUF
 10)Dr.A.SASI KUMAR
 11)MR. AMOL D. SONAWANE
 12)Dr VIJAY KUMAR SALVIA
 Name of Applicant : NA
 Address of Applicant : NA
 (72)Name of Inventor :
 1)Dr.R.VIMAL NISHANT
 Address of Applicant :ASSISTANT PROFESSOR CUM PRINCIPAL, DEPARTMENT OF COMMERCE, EXCEL COLLEGE FOR COMMERCE AND SCIENCE, KOMARAPALAYAM, NAMAKKAL DISTRICT- 637303 KOMARAPALAYAM -----
 2)RAVI PAL
 Address of Applicant :LECTURER, DEPARTMENT OF IT, MAHAMAYA POLYTECHNIC OF INFORMATION TECHNOLOGY HATHIRAS -----
 3)Dr. PRIYANKA SINGH
 Address of Applicant :LECTURER, DEPARTMENT OF ELECTRONICS, SGSJ GOVERNMENT POLYTECHNIC KHURJA -----
 4)Dr. RAJEEV KUMAR
 Address of Applicant :LECTURER, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, GOVERNMENT POLYTECHNIC, AURAI AURAI -----
 5)Dr PADMA C
 Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF COMMERCE, SIVANADASHARMA MEMORIAL RV COLLEGE, BANGALORE 72 BANGALORE -----
 6)VIVEK KUMAR SRIVASTAV
 Address of Applicant :LECTURER, DEPARTMENT OF ELECTRONICS, GOVERNMENT POLYTECHNIC, BARABANKI BARABANKI -----
 7)Dr. PRASANT SINGH YADAV
 Address of Applicant :LECTURER, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, MAHAMAYA POLYTECHNIC OF INFORMATION TECHNOLOGY HATHIRAS -----
 8)Dr. CHETHANA SRIDHAR
 Address of Applicant :ASSISTANT PROFESSOR, MCA DEPARTMENT, ST. FRANCIS COLLEGE BANGALORE -----
 9)Dr MEMON UBED YUSUF
 Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF COMMERCE, SIR SAYYED COLLEGE OF ARTS COMMERCE AND SCIENCE AURANGABAD MAHARASHTRA INDIA.431001 AURANGABAD -----
 10)Dr.A.SASI KUMAR
 Address of Applicant :PROFESSOR (MENTOR-IT - INURTURE EDUCATION SOLUTIONS PVT LTD, BANGALORE), DEPARTMENT OF CLOUD TECHNOLOGY & DATA SCIENCE, INSTITUTE OF ENGINEERING & TECHNOLOGY, SRINIVAS UNIVERSITY, SRINIVAS NAGAR, MUKKA, SURATHKAL, MANGALORE-574146, DAKSHINA KANNADA DISTRICT, KARNATAKA STATE, INDIA, MANGALORE -----
 11)MR. AMOL D. SONAWANE
 Address of Applicant :ASSISTANT PROFESSOR, ELECTRONICS AND TELECOMMUNICATION ENGINEERING, NUTAN COLLEGE OF ENGINEERING AND RESEARCH, TALEGAON, PUNE 416507 TALEGAON -----
 12)Dr VIJAY KUMAR SALVIA
 Address of Applicant :PROFESSOR DIRECTOR ECE INTERNATIONAL RESEARCH AND DEVELOPMENT CREATIVITY ORGANIZATION USA INDIA INDORE 452018 INDORE -----

(51) International classification :G06N0020000000, G06Q0030060000, G06Q0030020000,
 G06K0009620000, G06N0020100000
 (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

(57) Abstract :

A novel approach for Fake Review Identification and utility evaluation model using Machine Learning Algorithms in E-commerce sites is the proposed invention. The proposed invention focuses on identifying the fake reviews that is given by customers of e-commerce site. The invention utilizes the utility model for evaluating the reviews of costumes along with algorithms of machine learning.

No. of Pages : 13 No. of Claims : 6



R. Nishant
 Dr. R. VIMAL NISHANT, M.Com., M.Phil., Ph.D.
 PRINCIPAL
 Excel College for Commerce and Science
 Komarapalayam-637 303.