

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 40/2023
ISSUE NO. 40/2023

शुक्रवार
FRIDAY

दिनांक: 06/10/2023
DATE: 06/10/2023

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE



R. Nishant
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.202341061035 A

(19) INDIA

(22) Date of filing of Application :11/09/2023

(43) Publication Date : 06/10/2023

(54) Title of the invention : MACHINE LEARNING TECHNIQUES TO IDENTIFY THE VARIOUS CHALLENGES FOR TEACHING LANGUAGE SKILLS TO LEARNERS OF VARIED LEARNING STYLES

(51) International classification :G06K0009620000, G09B0019060000, G09B0019040000, G06N0020000000, G06Q0050200000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA
Filing Date :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)Dr.S.Vijayarangam
 Address of Applicant :Associate Professor/CSE, Sri Indu College of Engineering and Technology, Sheriguda, Ibrahimpatnam, Rangareddy Dist - 501510 Hyderabad -----

2)Mallikarjun Yaramadhi
3)Shekhar Kumar Swarnkar
4)Tushar Vyas
5)Dr. Ipsita Nayak
6)Dr Tushar Dhar Shukla
7)Sneha Kumari
8)Mr. N. Saravanan
9)Aby John
10)Annie Sahaya Anshu C A
11)Dr.N. Ravikumar
12)K Periannan
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Dr.S.Vijayarangam
 Address of Applicant :Associate Professor/CSE, Sri Indu College of Engineering and Technology, Sheriguda, Ibrahimpatnam, Rangareddy Dist - 501510 Hyderabad -----

2)Mallikarjun Yaramadhi
 Address of Applicant :Assistant Professor, Computer Science Engineering, Institute of Aeronautical Engineering, Dundigal, Hyderabad - 500043 Hyderabad -----

3)Shekhar Kumar Swarnkar
 Address of Applicant :Assistant Professor, Department of CSE, JECRC.Jaipur,303905 Jaipur --

4)Tushar Vyas
 Address of Applicant :Assistant Professor, Department of CSE, JECRC University, Jaipur, 303905 Jaipur -----

5)Dr. Ipsita Nayak
 Address of Applicant :Assistant Professor of English, KSOM, KIIT DU, BBSR-751024 Bhubaneswar -----

6)Dr Tushar Dhar Shukla
 Address of Applicant :Assistant Professor, University Institute of Teachers Training & Research, Chandigarh University, Mohali-140413 Mohali -----

7)Sneha Kumari
 Address of Applicant :Assistant Professor, Department of CSE, JECRC University, Jaipur, 303905 Jaipur -----

8)Mr. N. Saravanan
 Address of Applicant :Assistant Professor /Department of English, Excel College for Commerce And Science, Komarapalyam, 637303 Komarapalyam -----

9)Aby John
 Address of Applicant :Assistant Professor, Assessment Specialist (Cambridge Assessment International Education, Cambridge), and Publisher of IJHSSR (ISSN 2582 9106), Department of English, Kristu Jayanti College (Autonomous), Kothanur, Bangalore. Affiliated to Bengaluru North University, Bangalore -----

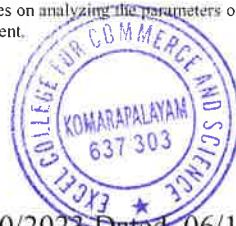
10)Annie Sahaya Anshu C A
 Address of Applicant :Assistant Professor, Department of English, St. Joseph's Institute of Technology, Chennai Chennai -----

11)Dr.N. Ravikumar
 Address of Applicant :Assistant Professor of English, Kristu Jayanti College (Autonomous), K. Narayanapura Kothanur, Bangalore.- 560077 Bangalore -----

12)K Periannan
 Address of Applicant :Assistant Professor of English, Excel College for Commerce and Science, Komarapalayam Komarapalayam -----

(57) Abstract :
 Machine learning techniques to identify the various challenges for teaching language skills to learners of varied learning styles is the proposed invention. The proposed invention focuses on studying the various challenges for teachers who are teaching language skills. The invention focuses on analyzing the parameters of learning styles using algorithms of machine learning. This will help to analyse the various challenges faced by teachers while languages are taught to the student.

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



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