

पेटेंट कार्यालय
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. 29/2025
ISSUE NO. 29/2025

शुक्रवार
FRIDAY

दिनांक: 18/07/2025
DATE: 18/07/2025

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2025

(21) Application No.202531055770 A

(43) Publication Date : 18/07/2025

(54) Title of the invention : ENHANCING ENGAGEMENT IN INFORMAL DIGITAL ENGLISH LEARNING AMONG EFL LEARNERS IN HIGHER EDUCATION THROUGH THE ROLES OF RESILIENCE AND FLOW

(51) International classification :G09B0019060000, G06Q0050200000, G01N0015140000, H04L0041160000, G06N0020000000
(86) International Application No :NA
Filing Date :NA
(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)Dr. Jayini Bhaumik

Address of Applicant :Assistant Professor, Amity Institute of English Studies and Research, Amity University Patna, Bihar 801503 Patna -----

2)Dr Ankur Jauhari

3)R.Swathiramya

4)Dr. Snigdha Madhab Ghosh

5)N.Padmarshri

6)Dr. S. Gomathy

7)Dr. A. Geetha

8)Dr.J.Azad Mohamed

9)S. Mohamed Azarudeen

10)K Muthukumar

11)Dr.G.Poornima

12)Dr.J.Moushumi

Name of Applicant : NA

Address of Applicant : NA

(72) Name of Inventor :

1)Dr. Jayini Bhaumik

Address of Applicant :Assistant Professor, Amity Institute of English Studies and Research, Amity University Patna, Bihar 801503 Patna -----

2)Dr Ankur Jauhari

Address of Applicant :Professor, Department of MBA, IIMT College of Engineering, Greater Noida, Gautam Buddha Nagar-201310 Greater Noida -----

3)R.Swathiramya

Address of Applicant :Assistant Professor, Department of Artificial Intelligence and Data Science, SNS College of Engineering, Coimbatore - 641049 Coimbatore -----

4)Dr. Snigdha Madhab Ghosh

Address of Applicant :Assistant Professor, Department of Computer Science and Engineering - AI, Brainware University, Barasat, West Bengal, Pin-700125 Kolkata -----

5)N.Padmarshri

Address of Applicant :Assistant Professor, Department of Artificial intelligence and Data Science, SNS College of Engineering, Coimbatore - 641049 Coimbatore -----

6)Dr. S. Gomathy

Address of Applicant :Professor, Department of English, Velammal college of Engineering and Technology, Madurai, 625009 Madurai -----

7)Dr. A. Geetha

Address of Applicant :Associate Professor, Department of English, Sri Sairam Engineering College, Chennai - 600044 Chennai -----

8)Dr.J.Azad Mohamed

Address of Applicant :Assistant Professor, Department of English, Jamal Mohamed College (Autonomous), Trichy -620020 Trichy -----

9)S. Mohamed Azarudeen

Address of Applicant :Assistant professor of English, Jamal Mohamed college, Trichy - 20 Trichy -----

10)K Muthukumar

Address of Applicant :Assistant Professor, Department of Management Studies, Jai Shriram Engineering College, Avinashipalayam, Tirupur -638660 Tirupur -----

11)Dr.G.Poornima

Address of Applicant :Assistant Professor and Head, Department of Business Administration Theeran Chinnamalai college of Arts and Science for Women Tirupur- 641663 Palladam -----

12)Dr.J.Moushumi

Address of Applicant :Assistant Professor, Department of English, Sourashtra College, Madurai- 625004 Madurai -----

(57) Abstract :

Enhancing Engagement in Informal Digital English Learning Among EFL Learners in Higher Education through the Roles of Resilience and Flow is the proposed invention. The proposed invention focuses on understanding the functions of EFL Learners in Higher Education. The invention focuses on analyzing the parameters of Engagement in Informal Digital English Learning using algorithms of Machine Learning Approach.

No. of Pages : 13 No. of Claims : 3