

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311058525 A

(19) INDIA

(22) Date of filing of Application :31/08/2023

(43) Publication Date : 29/09/2023

(54) Title of the invention : SYSTEM AND METHOD FOR RECOMMENDING EDUCATIONAL RESOURCES

(51) International classification :A61M 051400, G06Q 500000, H04N 071600, H04N 212668, H04N 214788
(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)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Bluest Mettle Solutions Private Limited

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)MISHRA, Rahul

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

2)PANDEY, Sakshi

Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune -----

3)MANTRI, Archana

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

The educational resource recommendation system comprises of a user interface (110) that serves as the gateway for learners to craft and manage their profiles. This profile creation is seamlessly integrated with a learner profiling module (126), intelligently capturing and preserving an array of learner attributes. Adjacently, a content analysis module (116) assesses educational resources for content richness, structural coherence, difficulty tiers, and alignment with diverse learner profiles. The recommendation engine (118), fortified by machine learning prowess, composes a personalized recommendation symphony, harmonizing learner profiles and content data analyses to offer tailored suggestions. A feedback mechanism (120) that invites learners to contribute their insights, fostering an iterative evolution as the recommendation engine fine-tunes its suggestions based on received feedback. Moreover, a collaborative platform (122) emerges as a vibrant arena, uniting learners for resource sharing, discussions, and guidance.

No. of Pages : 31 No. of Claims : 10