

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511106622 A

(19) INDIA

(22) Date of filing of Application :04/11/2025

(43) Publication Date : 26/12/2025

(54) Title of the invention : AN AI-BASED PLATFORM FOR AUTOMATED CONTENT CREATION IN EDUCATION

(51) International classification	:H04W 92/00, H04L 41/5054, H04M 1/724, B41F 13/64, B01F 25/10	(71) Name of Applicant : 1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India (72) Name of Inventor : 1)PRIYA DAHIYA 2)RUCHIKA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:	
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 :

The invention discloses an AI-based platform (100) for automated content creation in education. The system includes a content generation module (110), assessment generator (120), personalization engine (130), analytics unit (140), and deployment interface (150). These components collectively create, adapt, and deliver instructional materials, assessments, and personalized resources. The invention enhances efficiency, reduces educator workload, and improves learning outcomes through adaptive algorithms and real-time analytics. It ensures inclusivity with multilingual, multi-format content, offering a scalable, cost-effective solution for modern educational environments.

No. of Pages : 15 No. of Claims : 6