

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511100099 A

(19) INDIA

(22) Date of filing of Application :16/10/2025

(43) Publication Date : 05/12/2025

(54) Title of the invention : A VIRTUAL REALITY SYSTEM FOR SMART TOURISM EXPERIENCE ENHANCEMENT

(51) International classification	:G06F0003010000, G06F0009451000, G06Q0050140000, G06T0019000000, G06F0003048200	(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
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(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 a virtual reality system for smart tourism experience enhancement comprising VR headsets (101), an AI personalization engine (102), IoT data integration module (103), multimedia repository (104), user interaction interface (105), and cloud-based analytics (106). The system enables immersive, adaptive, and sustainable tourism by synchronizing virtual experiences with real-time data, providing AI-driven personalization, and supporting interactive multilingual features. It offers inclusivity, cultural immersion, and valuable insights for stakeholders, thereby enriching tourism experiences while ensuring accessibility and sustainability.

No. of Pages : 14 No. of Claims : 6