

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511106474 A

(19) INDIA

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

(43) Publication Date : 26/12/2025

(54) Title of the invention : A VIRTUAL REALITY FRAMEWORK FOR REMOTE JOB INTERVIEW SIMULATIONS

(51) International classification	:H02B 1/01, B23K 101/24, H04L 69/321, B65D 5/4805, H04N 21/482	(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)Dr. APOORVA JOSHI 2)MANJUSHA SHREENIVAS GUNDALE
(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 a Virtual Reality Framework for Remote Job Interview Simulations comprising VR headset interface (101), AI interviewer engine (102), simulation environment generator (103), performance analytics module (104), HR integration interface (105), and feedback unit (106). The framework creates immersive and adaptive interview experiences, capturing verbal, non-verbal, and biometric data for standardized candidate evaluation. It integrates with recruitment systems, reduces logistical barriers, and ensures fair and efficient hiring decisions while providing candidates with constructive feedback to enhance interview preparedness.

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