



PROJECT SUMMARY

Ref No.: MRIC/IBG3-CIEI/09	Title: Creative Realities Lab
Local Institution: University of Mauritius (UoM)	
Collaborating Institution: Mauritius Institute of Education (MIE)	
Project Leader	
Mr Krishnen Muthen	University of Mauritius (UoM)
Research Collaborator(s)	
Name	Organisation
Mr Ashvin Beetul	University of Mauritius (UoM)
TECHNICAL ABSTRACT The Creative Realities Lab will be a state-of-the-art facility designed to foster creativity, experimentation, and interdisciplinary collaboration among key stakeholders (academia-industry) of the sector. This lab will provide students, researchers, entrepreneurs and industry actors with access to AI powered cutting-edge tools and resources in extended reality (XR) and gamification. This is a collaborative initiative among academics of the Mauritius Institute of Education (MIE) and the University of Mauritius (UoM) to advance research, experimentation, and innovation in emerging technologies namely (AR/VR/Motion Animation/Immersive Environments). The lab will serve as a hub for innovation, supporting both academic programmes and industry-driven collaborative research. It will enable researchers to prototype new technologies, develop digital solutions, and explore immersive media applications. It will also act as a test bed for startups, allowing young innovators to refine their ideas and bring them to market. The lab's infrastructure will include high-performance computing, AR/VR development kits, and AI-powered software, fostering interdisciplinary projects in industry, education and sustainability. This initiative aligns with national and global priorities, promoting digital transformation and industry collaboration.	
Key Words: Creative realities lab, immersive environment, motion animation, Augmented Reality, Virtual Reality, Extended Reality, AI-powered, Gamification Unique	