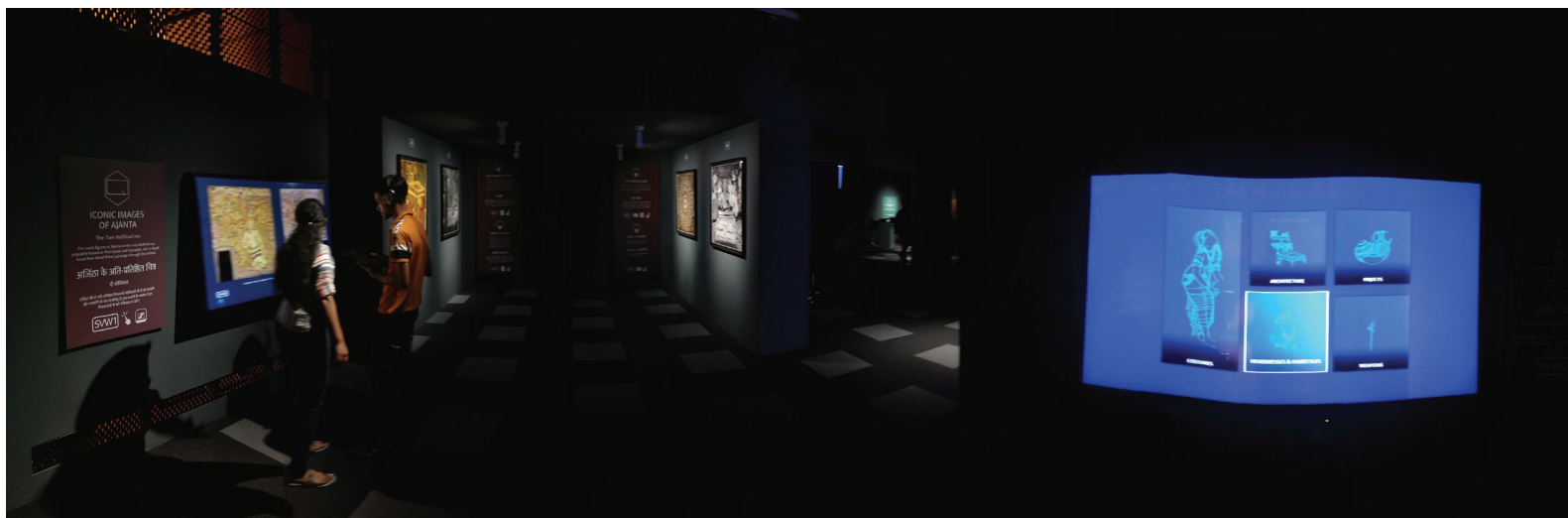
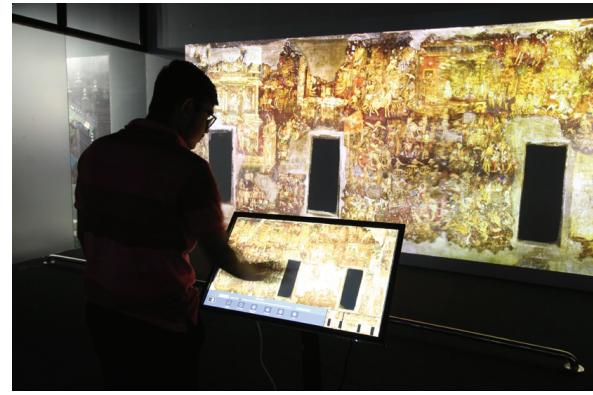


VEMA Virtual Experiential Museum on Ajanta

Sumant Rao

Digital technologies like VR, AR, touchscreen displays, 3D scanning, photogrammetry, multiproject audiovisuals, holography, smart devices and HMDs offer phenomenal tools creating the possibility of experiencing any heritage monument offsite. VEMA explores this potential with the Ajanta caves. Using a tablet, in the Virtual Tourist zone one can fly like a bird around a 3D site and explore the caves. In the Art zone, you can learn about the art of Ajanta through the digitally restored Simhala Avadana at the Large Video Wall, Iconic images and Material Culture

at the touch interactive Small Video Walls and watch paintings come to life at the AR painting gallery. In the Architecture zone, Head-mounted Displays transport you to the caves and a Holographic display showcases stupas, shrines, pillars etc. The Explore zone has large kiosks with which you can explore the site, the caves and the narrative paintings of Ajanta to a greater depth.



The Climate Change Project

Sumant Rao

An interactive presentation for children on Global Warming with a focus on Indian context An interactive presentation on Climate change, where the presenter tells of his journey around India to understand the perplexing changes happening there. He is joined by a snow leopard cub from the Himalayas, a coastal village girl from Orissa, an orphan boy from Andhra Pradesh, a sea horse from Lakshadweep and a dog from Mumbai and they figure out the

reasons behind the melting glaciers, rising sea level, droughts, flooding, bleaching of corals and rise of certain diseases - increasing green house gases that each of them experienced. During the telling of the story, the presenter interacts with both his animated friends in the story, as well as the young audience creating a unique and interesting learning experience.

