A STUDY OF 3D AUGMENTATION APPLICATION TO PRESERVE THE HERITAGE

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ABSTRACT

We all know how the homosapiens according to Darwin (scientist), how our ancestors cultivated the communications through writings & painting's about their historical times and how our great Indus civilisation, other civilisation's progressed. As we entered in to so called millennium we progress with giant feet's but how do we need to know what and where but Who performed and Why?

Absolute answer would be a very rare but the existing monuments had given many answers about history. For example, Shah Jahan the great Mugal ruler was good engineer by his works of monuments .Basically we know everything about our past by inscriptions, scriptures, books and past monumental work. We know that population of India is increasing day by day and at the same time we have to protect our Indian monuments for the future generation population and also for other people who wanted to visit India but cannot afford to come to India and appreciate the Indian culture as well as Indian heritage. Sometimes it is difficult to allow to show these monuments because of their geographical presence and also sometimes because of security problems. This may be possible through 3D augmentation .This paper is an initiation to introduce a technical aspect of heritage sites augmentation.

KEYWORDS: Augmentation, Be Matron, Head-Attached Displays, Projected AR Displays, Spatial Display