



PROJECT SUMMARY

Ref No.: MRIC-SIRGS-2103	Title: Development and Implementation of Virtual Tours for Mauritian Museums to promote national heritage
Local Institution: Mauritius Institute of Education	
Collaborating Institution: Mauritius Museums Council	
Project Leader	
Dr V Avinash Oojorah	Mauritius Institute of Education
Team Members	
Name	Organisation
Dr Waaiza Udhin	Mauritius Institute of Education
Mr Prithidinesh Sumputh	Mauritius Institute of Education
Mr Dhuneshwaraj Narayen	Mauritius Institute of Education
Mr Shoueib Bunnoo	Mauritius Institute of Education
Mr Avinash Purtaub	Mauritius Institute of Education
Dr Seema Goburdhun	Mauritius Institute of Education
Dr O N Varma	Mauritius Institute of Education
TECHNICAL ABSTRACT	
<p>Technology is permeating all spheres of society and is bringing wholesale changes to human activities. In many cases, technology is being conceptualized as a nemesis for many sectors such as printed news and retail consuming. However, technology can be repurposed as a social artefact and bring back people to activities or institutions they have probably lost contact with. The main rationale of this project is to create national and international interest on Mauritian national and natural history through virtual tours. Museums are increasingly making use of digital culture, providing opportunities for Web-based virtual tours to preserve heritage and make it available to the world (Argyriou, Economou & Bouki, 2020). Web-based virtual tour applications constructed by 360° panoramic images provides a more realistic view of the places to visit (Quadri et al. 2019). Virtual Reality (VR) and Augmented Reality (AR) are the most recent technologies that museums used to market their destinations. Such technologies are used to create virtual museums rich multimedia. Virtual tours are socially and culturally innovative solutions to present national heritage as well as opening new arenas for archaeological research. The</p>	



MIE intends to use these virtual tours in public places with high tourist traffic such as airports and shopping malls. Evidently, these virtual tours will be also used as educational materials for students. The population at large will also benefit from this project as we intend to organise regional exhibitions.

Key Words: Virtual tours, national history, natural history, Mauritius, heritage, Mauritius, heritage, Museums, education, digital