

## A STATISTICAL ANALYSIS OF SUSTAINABILITY OF TOURISM IN THE WORLD HERITAGE SITE: ELEPHANTA CAVES

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### ABSTRACT

Tourism is a very important sector that has a significant impact on the development of a country's economy. The main advantages of tourism are income creation and generation of employment. In many places it is the most important source of welfare and sustenance. Our place of interest –Elephanta Caves is one such land which completely depends on tourism. This paper explores the dynamics of tourism in Elephanta Caves from the view point of the tourists and the locals and tries to understand whether it is sustainable. Stakeholders have been identified and the effect of tourism on them has been cross examined. Areas of concern that thwarts development of tourism are identified and possible solutions have been pondered over. Various statistical techniques have been used to analyse the data collected and to make future predictions.

**KEYWORDS:** Sustainable tourism, locals, tourists, satisfaction, foreign revenue, trend and seasonal variations, Archaeological survey of India (ASI).

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