

A PROJECT ON MAPPING AND ROUTING OF ARCHAEOLOGICAL SITES IN ALWAR DISTRICT, RAJASTHAN

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Abstract:

Rajasthan is the largest state of India by area. Rajasthan covers 10.4% of India, an area of 342,239 square kilometers (132,139 sq mi). It is located in the northwest of India. Rajasthan is basically known as “Land of the kings” which is totally signified by the archaeological heritage this state has. Particularly, the cities like Ajmer, Alwar, Bharatpur, Bikaner, Jaipur, Jaisalmer, Pushkar, Udaipur and Jodhpur are famous for their ancient structures. This project is also focused on finding the archaeological sites which are already known to everyone or not known at all and for accomplishing the same, Alwar district has been taken as a study area. The different archaeological sites will be found out with the help of Google and Google Earth. The network analysis will be done for providing the shortest and best route to approach a particular site from main cities like Delhi, Jaipur and also geocoding for making it easy for a user to search various sites by name, pin code etc. And finally, a user-friendly web application will be made which will show historical sites, best route and provide an easy search method.

Software/Applications used: ArcMap 10.1, Microsoft Visual web developer, Silverlight API, Google Earth