

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)



**Project Report**

**on**

**Project: Safar Saathi**

**Submitted By:**

**Arun Kourav**

**Enrolment No.-0901cs191022**

**Faculty Mentor:**

**Dr. R. R. Singh Makwana,**

**Department of Computer Science and Engineering**

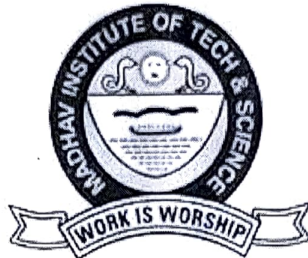
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**  
**GWALIOR - 474005 (MP) est. 1957**

**MAY-JUNE**

**2022**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
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**Project Report**

**on**

**Safar Saathi**

A project report submitted in partial fulfillment of the requirement for the degree of

**BACHELOR OF TECHNOLOGY**

**in**

**COMPUTER SCIENCE AND ENGINEERING**

Submitted by:

**Arun Kourav**

**Enrolment No.- 0901cs191022**

Faculty Mentor :

**Dr. R. R. Singh Maklwana**

**Department of Computer Science and Engineering**


Submitted to:


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**CERTIFICATE**

This is certified that **Arun Kourav** (0901cs191022) has submitted the project report titled **safar saathi** under the mentorship of **Dr. R. R. Singh Makhwana**, in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in Computer Science and Engineering from Madhav Institute of Technology and Science, Gwalior.

  
**Dr. R. R. Singh Makhwana**  
Faculty Mentor  
Professor  
Computer Science and Engineering

  
**Dr. Manish Dixit**  
Professor and Head,  
Computer Science and Engineering

**Dr. Manish Dixit**  
Professor & HOD  
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**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**  
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**DECLARATION**

I hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Dr. R. R. Singh Makhwana, professor**, computer science and engineering

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.

  
Arun Kourav

Enrolment-0901cs191022

3<sup>rd</sup> Year,

Computer Science and Engineering

## **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR**

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I would sincerely like to thank my department, **Department of Computer Science and Engineering**, for **allowing** me to explore this project. I humbly thank **Dr. Manish Dixit**, Professor and Head, Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Dr. R. R. Singh Makhwana**, professor, Computer science and engineering, for his continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.



Arun Kourav

Enrolment-0901cs191022

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## ABSTRACT

The use of information and communication technology in our day to day activities is now unavoidable. In tourism developments, destination information and management systems are used to guide visitors and provide information to both visitors and management of the tour sites. In this paper, information and navigation system was designed for tourists, taking some Madhya Pradesh state of MP tourism destinations into account. The information management system was designed using Hypertext Markup Language (HTML), Java script and CSS as the back-end integration database. In this website you can find popular destination of Madhya Pradesh, and information about traditions in Madhya Pradesh and also hidden gems of Madhya Pradesh that makes truly Madhya Pradesh unique.

**Keyword:** Information System, Destination Management System,

**सार:-** हमारे दिन-प्रतिदिन की गतिविधियों में सूचना और संचार प्रौद्योगिकी का उपयोग

अब अपरिहार्य है। पर्यटन विकास, गंतव्य सूचना और प्रबंधन में

सिस्टम का उपयोग आगंतुकों का मार्गदर्शन करने और आगंतुकों और दोनों को जानकारी प्रदान करने के लिए किया जाता है

पर्यटन स्थलों का प्रबंधन। इस पत्र में, सूचना और नेविगेशन प्रणाली थी

पर्यटकों के लिए बनाया गया है, मध्य प्रदेश राज्य के कुछ पर्यटन स्थलों में ले जा रहा है

खाता। सूचना प्रबंधन प्रणाली को हाइपरटेक्स्ट मार्कअप लैंग्वेज (एचटीएमएल) का उपयोग करके डिजाइन किया गया था।

बैक-एंड इंटीग्रेशन डेटाबेस के रूप में जावा स्क्रिप्ट और सीएसएस। इस वेबसाइट में आप के लोकप्रिय गंतव्य पा सकते हैं

मध्य प्रदेश, और मध्य प्रदेश में परंपराओं और मध्य के छिपे हुए रत्नों के बारे में जानकारी

वह प्रदेश जो वास्तव में मध्य प्रदेश को अद्वितीय बनाता है।

कीवर्ड: सूचना प्रणाली, गंतव्य प्रबंधन प्रणाली,

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# CHAPTER 1

**Introduction:-** The proliferation of the Web over the last few years led companies and organizations to try to exploit the Web for many different activities. Tourism is one of the most important applications of e-commerce. Several major tourism actors and even the new comers (information technology companies mainly) have an established Web presence, visited by many thousands of visitors every day, offering e-commerce opportunities for business to business transactions or business to customer (tourist) transactions. One particular class of tourism applications in the Web is Destination Information Systems (DIS) or Destination Management Systems (DMS). These systems typically provide in the Web, information about the tourism offerings of a given Destination and may promote e-commerce activities to the potential visitor. The existing DMS's however do not support advanced models of interaction between tourists (or prospective tourists) of a Destination, nor interaction between tourists and locals. It is believed that this is a serious limitation of the existing DMS's, and therefore this work will propose an expanded functionality that provides the tourists with intelligent interactions based on a virtual community concept of tourists and locals that has a common interest theme, "Tourism at Destination". Information systems that support interactions of a virtual community over the Web, which has some specific interests (the glue of this community), are usually called Community based Information Systems (CIS). Some of them have user populations of the order of tens of thousands who are repeatedly visiting the community site. However the support that the existing CIS's offer is of general purpose and they it is very important both for tourists and for Destinations to support advanced information models enabling the interaction of tourists and locals for tourism related subjects. Such systems will bridge the "Community Gap", which is the lack of interaction among tourists and locals at a particular Destination.

**1.1 Problem Description:-** Tourists world over are always ready to explore new destinations, but the problem is that most at times they end up being disappointed after visiting some sites. This is as a result of misinformation and lack of planning by the site managers most at times.

- A tourist needs to have full information on what he/she should expect at the destination.
- A tourist needs to have a tour guide that will help him/she to navigate around the destinations of choice

## CHAPTER 2

### Project Overview:

This system, consisting of a portable computer (Laptop), having large storage capacities, capabilities of wireless connection to a worldwide information network and provide to their users many functionalities like access to WWW, shopping, banking, reservations and other transactions. A model supporting intelligent interactions of tourists with other tourists and locals and the tourism information of a particular destination before, during and after the trip. The approach tries to bridge the "Community Gap" which is the lack of interactions among tourists and between tourists and locals at a particular destination and tradition. Community interactions are very important both for prospective visitors and for destinations for many reasons including, greater independence and self planning in the visit's design, exploitation of the local society knowledge about the destination, as well as promotion of regional policies and collective purchases of services from prospective visitors. Modern information technology has become ubiquitous, supporting visitors with a variety of devices ranging from handy devices, to community walls, to paper interfaces, to home PCs. Existing IMS's in the Web focus to foster social objectives like building community cohesion, enhancing community awareness in local decision making, developing economic opportunities in disadvantaged communities, and enhanced training . Some of them have user populations of the order of tens of thousands who are repeatedly visiting the community site. However the support that the existing IMS's offer is of general purpose and they cannot be easily used to offer advanced functionality for tourism related communities.

**2.1 Methodology:-** System analysis is the process of examining an existing system in order to modify the existing system or design a new system entirely. System analysis is carried out to achieve mainly two aims namely:

1. To have a clear understanding of the system or the process. This will help in the design of a new system.
2. Analysing the system will bring about identifying its problem and hence knowing the reason for its inefficiency.

**2.2 Implementation:-** The programming languages used in this work are HTML. With Javascript and CSS as the back-end integration database. The choice of these programming languages is based on the features of the languages that makes them more appropriate for this work.

2.3 Snapshot:-

Safar Saathi

DISCOVER INFORMATION

DISCUSSION

DISCUSS GEMS

ABOUT US

Incredible

MADHYA PRADESH

DISCOVER INFORMATION

MAHAKALIXARAJ

KUNAL KUMAR

ANANT KUMAR

ADARSH KUMAR

Welcome to Safar Saathi



Visit Madhya Pradesh and and be the part of (Hidden Gems!!)

Madhya Pradesh is known as the "Heart of India" because of a lot many things that it has to offer it has been home to cultural and spiritual heritage of almost all the religions. Innumerable monuments, intricately carved temples, stupas, forts and palaces are dotted all over the State. The natural beauty of the state is equally varied. Consisting largely of a plateau, the State has everything, from mighty mountain ranges to meandering rivers to miles of verdant forests. In fact a large part of Madhya Pradesh is under the forest cover, offering a unique and exciting panorama of wildlife. In the National Parks of Kanha, Bandhavgarh and Panch you can spot the tiger, bison and a wide variety of deer and antelope. Water sports, caravan journeys, river cruise, sound and light shows, tribal life, Madhya Pradesh has everything for every travel thirsty soul.

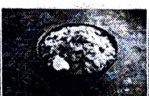
Things To Explore



**Wildlife**  
Wildlife traditionally refers to undomesticated animal species, but has come to include all organisms that grow or live wild in an area without being human.



**Cultural Heritage**  
Cultural heritage is the legacy of tangible and intangible heritage assets of a group or society that is inherited from past generations.



**Food**  
Food is any substance consumed to provide nutritional support for an organism. Food is usually of plant, animal or fungal origin, and contains essential



**Art**  
An art or culture for many people in the world is also intimately linked to spiritual belief systems, including deity-based understanding arts.



**Hidden Gems**  
Some quick example text to build on the card title and make up the bulk of the card's content.

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## Popular Attractions To Visit in Travel Saathi

[Explore More >](#)



### Pachmarhi

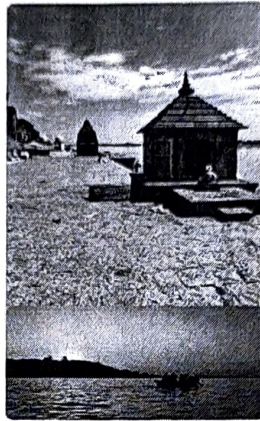
Trineta Ganesh Temple, situated inside the Ranthambore Fort, is the only temple in the world where Lord Ganesha is depicted with three eyes.

[Explore More >](#)





**Khumb Mela**  
Uttar Pradesh



**Upper lake**  
Rajasthan



**Kanha National Park**  
Madhya Pradesh



**Sonagiri**  
Gujarat



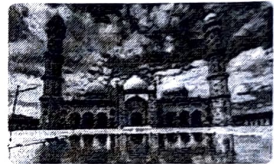
**Mahakal Temple**  
Uttar Pradesh



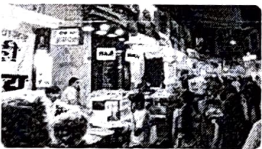
**Chappan Dukan**  
Madhya Pradesh



**Rajwada**  
Madhya Pradesh



**Taj Ul Masajid**  
Bihar



**Sarafa Market**  
India



**Patalpani Waterfall**  
Madhya Pradesh



**Bhimbetka Caves**  
Madhya Pradesh

## **CHAPTER 3**

### **Conclusion :-**

The developments of information technology have a high influence on tourism development. Poor information results in inadequate analysis, which leads to misguided policies on tourism management. The current problem has many socio-economic, institutional and environmental aspects. An information system has the task to collect, analyze and process existing information. It is an active object, which deals with information and information processes. Maps are a natural means of indexing and presenting tourism related information. Travelers are using maps to navigate during their travels and for preparing their routes. Moreover, maps exploit the two dimensional capabilities of human vision and present the information in a compact and easy to read way. Through the utilisation of computer technology, new classes of operations based on adjacency, distance, proximity and route optimisation were made available to the final user in addition to more traditional multimedia data navigation and presentation functionality.

### **Reference :-**

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