

# Gokhale Education Society's R H Sapat College of Engineering, Management Studies and Research, Nashik - 422 005



## **Avishkar Research Competition 2024-25**

# **SmartCity Nashik Hub**

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#### **CONTENTS**

- Relevance of the topic
- Methodology adopted
- Novelty of the topic
- Results and Discussion
- Outcome of the project
- Conclusion





#### **INTRODUCTION and LITERATURE SURVEY**

- The SmartCity Nashik Hub is a next-generation mobile platform designed to enhance the urban experience for both residents and tourists. It addresses the common issues of fragmented services and inefficient navigation found in existing city guide applications by integrating multiple city services into a single, cohesive platform. With modules covering tourism, public transport, healthcare, and local services, the Hub provides real-time information and personalized recommendations, making city exploration easier and more accessible. By streamlining urban navigation and enhancing resource discoverability, the SmartCity Nashik Hub sets a new standard for smart city applications.
- This literature survey highlights the SmartCity Nashik Hub, a digital platform that integrates city services and tourism information into a single mobile application, improving accessibility and usability for residents and visitors. Existing smart city solutions, both globally and locally, are often fragmented and require users to switch between multiple apps, leading to a disjointed experience. The SmartCity Nashik Hub fills this gap by offering a comprehensive platform with real-time data, emergency alerts, and personalized guides, designed using smart city principles and a user-centered approach to provide a seamless and efficient urban experience.





#### PROBLEM IDENTIFICATION

- Lack of a unified platform for city services and tourist information.
- Residents and tourists rely on multiple apps, leading to a fragmented experience.
- Difficulty in accessing real-time updates for public transport, healthcare, and local services.
- Poor discoverability of city amenities and events.
- Inefficient city navigation, causing frustration for users.
- No centralized platform to provide personalized recommendations or emergency alerts.





#### **OBJECTIVES**

- Make it easier for tourists and residents to find important city information in one app.
- Offer step-by-step navigation to popular places and services in Nashik.
- Ensure users can quickly find nearby hospitals, hotels, restaurants, and public transport options.
- Allow users to report issues like public service problems or give feedback on city amenities.
- Create a user-friendly interface that can be easily used by people of all ages.
- Support future updates to add more features as the city grows and user needs evolve.





#### **RESULTS and DISCUSSION**

The implementation of the SmartCity Nashik Hub has successfully integrated a diverse set of innovative features aimed at improving the urban experience for both residents and tourists. The evaluation, based on user feedback and system performance metrics, reveals several unique key findings:

- 1. Easy Access to City Information
- 2. Real-Time Updates
- 3. User Friendly Design
- 4. Personalized Suggestions
- 5. Multi-Device Compatibility
- 6. Tourism and Navigation





#### **CONCLUSION**

- The SmartCity Nashik Hub successfully addresses the challenges of urban living and tourism in Nashik by providing a comprehensive, user-friendly digital platform. By integrating various city services, real-time data, and personalized recommendations into a single mobile application, the Hub significantly enhances the accessibility and convenience of navigating the city for both residents and tourists.
- The platform's modular and scalable design ensures that it can evolve with the city's needs, incorporating new features and services over time. Its focus on real-time updates, user feedback, and accessibility makes it a valuable tool for improving the quality of life in Nashik, fostering greater community engagement, and promoting the city as a modern, smart urban environment.
- Overall, the SmartCity Nashik Hub sets a new standard for smart city initiatives, offering a seamless, integrated solution that effectively meets the diverse needs of its users.





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# Thank You Any Questions