

Proposed Development of Chandrabhaga Ghat for Pilgrims

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Abstract - The proposed development of Chandrabhaga Ghat in Pandharpur aims to enhance facilities for pilgrims visiting the holy town. The project includes the construction and renovation of ghats along the Chandrabhaga river, ensuring safety, accessibility, and better crowd management during festivals like Ashadi Ekadashi and Kartiki Ekadashi¹. The initiative also focuses on preserving heritage structures and providing a clean, pleasurable riverfront.

Keywords: Sustainable construction, Eco- friendly materials, renovation of ghats.

1. INTRODUCTION (Size 12, Times New roman)

Chandrabhaga Ghat, situated on the banks of the Chandrabhaga River near the revered temple town of Pandharpur in Maharashtra, is a significant pilgrimage destination. Every year, millions of devotees visit this holy site, especially during religious festivals like Ashadhi and Kartiki Ekadashi. Pilgrims traditionally ritual purification. However, over time, the natural riverbank has become inadequate to safely accommodate the growing influx of visitors. To ensure a safer, cleaner, and more organized environment for ritual bathing, this project proposes the construction of dedicated swimming tanks at Chandrabhaga Ghat. These tanks will serve as controlled bathing areas, reducing pressure on the river ecosystem while enhancing the safety and hygiene of the pilgrimage experience.

Implementation Strategy :

Phase 1: Site survey, feasibility study, design finalization.

Phase 2: Testing, soft launch, and community engagement. Phase 5: Full-scale operation and maintenance by local bodies.

Need for the Project:

Increasing number of pilgrims each year has led to overcrowding and unsafe conditions at the ghat. Deterioration of water quality in the river due to unmanaged bathing and littering. Growing concern for public health, safety, and environmental sustainability. Need for modern yet culturally respectful infrastructure at pilgrimage sites.



Fig -1: Figure

CONCLUSIONS:

The proposed development of Chandrabhaga Ghat in Pandharpur aims to create a safer, more accessible, and pleasant environment for pilgrims. By enhancing facilities, preserving heritage structures,

and implementing sustainable practices, the project seeks to enrich the spiritual experience for millions of devotees. The focus on community engagement and multipurpose usage ensures that the ghats serve both religious and recreational purposes, benefiting residents and visitors alike

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REFERENCES

- [1] A. R. S. Al Ismaili and A. H. Suhail,
“Student of Water Tanks Characteristics for Residential and Commerical Buildings in Oman,” J. Stud. Res., Jul. 2020, doi: 10.47611/jsr.vi.918.
- [2] M. Manga et al., “The effect of household storage tanks/vessels and user practices on the quality of water: a systematic review of literature,” Environ. Syst. Res., vol. 10, no. 1, p. 18, Dec. 2021, doi: 10.1186/s40068-021-00221-9.
- [3] M. S. M. Aras, M. F. Basar, N. Hasim, M. N. Kamaruddin, and H. I. Jaafar,
“Development and Modeling of Water Tank System Using System Identification Method,” vol. 2, no. 6.

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